



# THE CITY OF WHITTIER

*Gateway to Western Prince William Sound*

P.O. Box 608 • Whittier, Alaska 99693 • (907) 336-1490 • Fax (907) 472-2404

## WHITTIER CITY COUNCIL

### REGULAR MEETING

TUESDAY, JUNE 19, 2018

AT 7:00 PM

### COUNCIL CHAMBERS

3<sup>rd</sup> fl. PUBLIC SAFETY BUILDING

Page #

## AGENDA

### 1. CALL TO ORDER

### 2. OPENING CEREMONY

### 3. ROLL CALL

A. Council Members Present

B. Administration Present

### 4. APPROVAL OF MINUTES

A. May 22, 2018, Regular Meeting Minutes

May 30, 2018, Special Meeting Minutes

### 5. APPROVAL OF REGULAR MEETING AGENDA

### 6. MAYOR'S REPORT

A. Mayor Report – Daniel Blair

B. Vice Mayor Report – David Pinquoch

### 7. MANAGER'S REPORT

A. Acting City Manager's Report – Annie Reeves

B. City Attorney's Report – Holly Wells

C. School District Report – Lindsey Erk

D. Directors' Reports

1. Finance Officer Report – John Janik

2. Harbormaster Report – Kyle Sinclair

3. Public Safety Report – Greg Russell

4. Public Works Report – Scott Korbe

### 8. COMMISSION/COMMITTEE REPORTS

A. Planning Commission

B. Port & Harbor Commission

C. Parks & Recreation Committee

D. Prince William Sound Aquaculture Corp.

E. Regional Citizen's Advisory Council

### 9. CITIZEN'S COMMENTS ON AGENDA ITEMS NOT SCHEDULED FOR PUBLIC HEARING

### 10. APPROVAL OF THE CONSENT AGENDA

**11. PUBLIC HEARINGS (NON-ORDINANCE)**

**12. PRESENTATIONS**

**28 13. ORDINANCES**

**Introduction (1st reading)**

**Ordinance #04-2018 - An Ordinance of the City of Whittier, Alaska, amending Whittier Municipal Code in regard to City Elections by adopting a new elections code to allow for candidates to file a declaration of candidacy to place their name on the ballot; by adopting a new title 4 Elections, Chapter 4.04 General Provisions, Chapter 4.08 Voter Qualification, and Chapter 4.12 Candidates; amending Section 2.06.010 Incorporation of State and Federal law, 2.04.030 Qualifications, and 2.04.040 Terms; and repealing sections 2.06.10 – 2.06.060 and 2.04.050 Organization meeting, all related to candidates, filing for office and related election requirements; and to allow the City a more efficient and effective way to operate City elections.**

**14. PUBLIC HEARING (2<sup>nd</sup> reading)**

**39 15. RESOLUTIONS**

**A. Res. #14-2018 – A resolution of the City of Whittier, Alaska amending the classification chart for the City to remove all director positions that are currently unfilled by either full-time or interim employees from that chart and require the new contracted City Manager to propose revisions to classifications, organization, and funded positions with the City of Whittier.**

**16. EXECUTIVE SESSION**

**17. UNFINISHED BUSINESS**

**A. Army Corp. of Engineers Request for Additional Funding Regarding Head of the Bay Project**

**18. NEW BUSINESS**

- 42 A. Earthquake of 1964 Commemorative Monument**
- 43 B. Bonds for Bellingham Marine Industries Inc. Harbor Reconstruction Phase III**

**19. COUNCIL DISCUSSION**

**20. CITIZEN'S DISCUSSION**

**21. COUNCIL AND ADMINISTRATION'S RESPONSE TO CITIZEN'S COMMENTS**

**22. ADJOURNMENT**



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P.O. Box 608 • Whittier, Alaska 99693 • (907) 336-1490 • Fax (907) 472-2404

**WHITTIER CITY COUNCIL  
REGULAR MEETING  
TUESDAY MAY 22, 2018  
7:00 PM  
COUNCIL CHAMBERS  
PUBLIC SAFETY BUILDING**

## MINUTES

### 1. CALL TO ORDER

Mayor Daniel Blair called the meeting to order at 7:00 p.m.

### 2. OPENING CEREMONY

Mayor Daniel Blair led the Pledge of Allegiance.

### 3. ROLL CALL

- A. Council members present and establishing a quorum:** Monty Irvin, Debra Hicks, Dave Dickason, Peter Denmark, Victor Shen and Daniel Blair.

**MOTION:** Peter Denmark made a motion to excuse David Pinquoch from tonight's meeting.

**SECOND:** Dave Dickason

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**B. Administration Present:**

Annie Reeves, Acting City Manager  
Naelene Matsumiya, City Clerk  
John Janik, Finance Officer  
Holly Wells, City Attorney  
Scott Korbe, Public Works Director

Kyle Sinclair, Harbormaster  
Greg Russell, Acting Police Chief  
Anmei Goldsmith, City Attorney

**Others Present:**

Lindsey Erk, Greg Clifford, David Goldstein, Cathy McCord, Renae Schmunk and Don Stevens

### 4. APPROVAL OF MINUTES

April 17, 2018 Regular Meeting Minutes, April 30 Special Meeting Minutes and May 15, 2018 Board of Equalization Meeting Minutes

**MOTION:** Dave Dickason made a motion to approve the April 17, 2018 Regular Meeting Minutes, April 30 Special Meeting Minutes and May 15, 2018 Board of Equalization Meeting Minutes as they are.

**SECOND:** Monty Irvin

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**5. APPROVAL OF SPECIAL MEETING AGENDA**

**MOTION:** Victor Shen made a motion to approve the ~~Special~~ Meeting Agenda with amendments.

**SECOND:** Dave Dickason

**DISCUSSION:** Change *Special* Meeting to *Regular* Meeting

**VOTE:** Motion passed unanimously

**6. MAYOR'S REPORT**

**A. Mayor Report**

Dan Blair reported that the Hiring Committee constructed a Job Description for the City Manager position and that it has been posted on the Alaska Municipal League website as well as Monster.com

**B. Vice Mayor Report by Vice Mayor Dave Pinquoch**

None

**7. MANAGER'S REPORT**

**A. City Manager's Report- Annie Reeves**

See written report in original packet

Annie Reeves introduced and welcomed Greg Russell, the new Interim Director of Public Safety.

**B. City Attorney's Report – Anmei Goldsmith**

Dan Blair asked Anmei about management on the Delong Dock. Anmei replied that a few finalizations have to be done and that she and Holly Wells are currently working on it. She commented that they are close. She disclosed that the Alaska Railroad still owns the dock as of now.

Discussion with Annie Reeves and Council ensued.

**C. School District Report**

See written report in packet.

**D. Director's Reports**

**1. Financial report – John Janik**

See written report in original packet.

**2. Harbormaster Report – Kyle Sinclair**

Nothing new to report

**3. Public Safety Report – Greg Russell**

Nothing new to report

**4. Public Works Report – Scott Korbe**

Nothing new to report

**8. COMMISSION/COMMITTEE REPORTS**

**A. Planning Commission**

Nothing new to report

**B. Port & Harbor Commission**

Greg Clifford reported that since they are in the summer season, regular meetings won't be held until September. He reminded Council that Special Meetings can still be called. He stated that he is expecting to call a few meetings during the summer season due to all the conversations around the Delong Dock and the final phase of Harbor reconstruction coming to light.

**C. Parks & Recreation Committee**

Dave Dickason reported that a Winter Summit was held on Saturday, May 12, and said plans for the Horsetail Trail were discussed. He reported that CRW returned the master plan for the park and it is waiting to be confirmed.

**D. Prince William Sound Aquaculture Corp.**

Nothing new to report

**E. Regional Citizen's Advisory Council**

Nothing new to report

**9. CITIZENS COMMENTS ON AGENDA ITEMS NOT SCHEDULED FOR PUBLIC HEARING**  
None

**10. APPROVAL OF CONSENT CALENDAR**  
None

**11. PUBLIC HEARINGS (NON-ORDINANCE)**  
None

**12. PRESENTATIONS**  
None

**13. ORDINANCES**  
None

**14. PUBLIC HEARING (2<sup>nd</sup> reading)**  
None

**15. RESOLUTIONS**

**A. Res. #09-2018 – A resolution of the City Council of the City of Whittier, Alaska adopting the rate levy, date of equalization and date when taxes become delinquent for 2018 tax roll.**

**MOTION:** Victor Shen made a motion to adopt resolution #09-2018

**SECOND:** Peter

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**B. Res. #10-2018 – A resolution of the City Council of the City of Whittier, Alaska requesting FY2019 Payment in Lieu of Taxes (PILT) funding from the State of Alaska, Department of Commerce, Community, and Economic Development**

**MOTION:** Victor Shen made a motion to adopt resolution #10-2018

**SECOND:** Dave Dickason

**DISCUSSION:** Adoption date on resolution was amended from 2017 to 2018

**VOTE:** Motion passed unanimously

**C. Res. #11-2018 – A resolution of the City Council of the City of Whittier, Alaska accepting FY 2019 Community Revenue Sharing Funds from the State of Alaska, Department of Commerce Community and Economic Development.**

**MOTION:** Dave Dickason made a motion to adopt resolution #11-2018

**SECOND:** Monty Irvin

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**D. Res. #12-2018 – A resolution of the City Council of the City of Whittier, Alaska authorizing the Acting City Manager to enter into a contract with Pruhs Construction, LLC. To build Shotgun Cove Road station 65+00 to 114+00 for \$2,562,590.00.**

**MOTION:** Victor Shen made a motion to adopt resolution #12-2018

**SECOND:** Monty Irvin

**DISCUSSION:** Peter Denmark asked about the scope of work. Scott Korbe replied that they [Pruhs] will continue from where they left off.

**VOTE:** Motion passed unanimously

## **16. EXECUTIVE SESSION**

None

## **17. UNFINISHED BUSINESS**

### **A. Alaska Railroad Road Crossing**

Topic was briefly discussed. A motion was not made. A vote was not taken.

## **18. NEW BUSINESS**

### **A. Review of Ordinance #03-2017**

Item was discussed at length. Annie Reeves stated that there is a lot to do and suggested a work session to discuss outdated and conflicting language. Council scheduled a work session for the topic for Monday, June 18 at 6 pm.

### **B. Employee Flowchart**

Item was discussed under previous item A. *Review of Ordinance #03-2017*.

### **C. Bellingham Marine Quote for Harbor Reconstruction**

Kyle Sinclair reported that a final quote was submitted to the City. He explained the potential revenue that the Harbor will gain from the reconstruction by changing the walkway across C & D floats. He explained further.

### **D. Delong Dock Wharf Rates**

Daniel Blair asked if Holly Wells has reported back on the wharf rates for the Delong Dock. Annie Reeves replied that there has not been a response from Holly on whether or not the City can designate funds. She disclosed that the AKRR has been helpful. Kyle Sinclair stated that the rates were not determined as of yet. Discussion about docking fees and priority docking ensued.

### **E. Council Approval for Rental of City Owned Condos to Whittier Seafood LLC**

Annie Reeves reported that she and Cathy McCord of Whittier Seafood LLC met and discussed the

possibility of Whittier Seafood renting out condos that are owned by the City. Annie clarified that it had to be brought in front of Council. Cathy specified the condos that the company is interested in renting. Peter Denmark asked about procedure. Victor Shen voiced his concern with the City of Whittier becoming land lords.

**MOTION:** Peter Demark made a motion to direct the Acting City Manager to research the procedures for renting City spaces and call for a special meeting.

**SECOND:** Monty Irvin

**DISCUSSION:** None

**VOTE:** motion passed with Peter Denmark, Monty Irvin, Debra Hicks and Dan Blair in favor, Victor Shen against, and Dave Dickason absent from the vote.

**E. Army Corp. of Engineers Request for Additional Funding Regarding the Head of the Bay Project**

Annie Reported that two representatives from the Army Corp. of Engineers were meant to attend tonight's meeting to give a presentation on the item. Said representatives were absent from the meeting. Annie gave a summary of the topic to the Council and item was moved to Unfinished Business for the next scheduled regular meeting.

**19. COUNCIL DISCUSSION**

Daniel Blair reported that he had met with the Whittier Manor Board meeting regarding parking. He said that they inquired ideas as to how they can proceed with their expiration of their lease. He mentioned an Essential Terms and Conditions and explained further.

**20. CITIZEN'S DISCUSSION**

Don Stevens asked about the Delong Dock. Council addressed and answered his questions.

Greg Clifford reported that a Special Meeting for the Commission will be called to update members of the Commission on the activities regarding all topics that pertain to the Port and Harbor that were discussed during tonight's Council meeting.

Dave Goldstein mentioned the Nuisance Ordinance and shortly spoke on the topic.

(Clerk's note: Dave Dickason exited the meeting at 8:56)

Cathy McCord of Whittier Seafood LLC invited everyone to an Open House of the Whittier Seafood Plant.

Ted Spencer of the Whittier Museum reported his idea to erect an Earthquake monument in the Triangle area.

**21. COUNCIL AND ADMINISTRATION'S RESPONSE TO CITIZEN'S COMMENTS**

Council directed item for *Earthquake Monument* to be moved to New Business for the next scheduled regular meeting.

**22. ADJOURNMENT**

All were in favor of adjourning the meeting at 9:25 p.m.

**ATTEST:**

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**Naelene Matsumiya**  
**City Clerk**

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**Daniel Blair**  
**Mayor**





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**WHITTIER CITY COUNCIL  
SPECIAL MEETING  
WEDNESDAY, MAY 30, 2018  
6:00 PM  
COUNCIL CHAMBERS  
PUBLIC SAFETY BUILDING**

## **MINUTES**

### **1. CALL TO ORDER**

Mayor Daniel Blair called the meeting to order at 6:00 p.m.

### **2. OPENING CEREMONY**

Mayor David Pinquoch led the Pledge of Allegiance.

### **3. ROLL CALL**

#### **A. Council members present and establishing a quorum:**

Dave Dickason, David Pinquoch, Peter Denmark and Monty Irvin.

#### **B. Council Members Absent:**

Victor Shen, Debra Hicks and Daniel Blair

#### **C. Administration Present:**

Annie Reeves, Assistant City Manager

Naelene Matsumiya, City Clerk

Scott Korbe, Public Works Director

Greg Russell, Public Safety

Mark Hager, Public Safety

**Others Present:** Lindsey Erk

### **4. APPROVAL OF THE SPECIAL MEETING AGENDA**

**MOTION:** Dave Dickason made a motion to approve the May 30, Special Meeting agenda.

**SECOND:** Monty Irvin

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

### **5. CITIZEN'S COMMENTS ON AGENDA ITEMS NOT SCHEDULED FOR PUBLIC HEARING**

None

### **6. RESOLUTION**

**A. Res. #13-2018 - A resolution of the City Council of the City of Whittier, Alaska authorizing the Acting City Manager to enter into a short-term lease agreement with Whittier Seafood, LLC for units 1507 and 1509 of Begich Towers Inc. for a term beginning June 2018**

**MOTION:** Dave Dickason made a motion to adopt Resolution #13-2018

**SECOND:** Peter Denmark

**DISCUSSION:** Monty Irvin asked about the length of the lease. Annie Reeves replied that it was going to be just for the season.

Peter Denmark asked of the procedures. Annie Reeves answered that she and the City Attorney researched the procedure. She explained that she did not find any red flags and that the City could proceed.

David Pinquoch inquired about the rate. Annie Reeves replied that her goal was to keep it at a competitive rate.

Dave Dickason asked about the condition of the rooms and if they were ready. Annie told him that they were ready.

The number of occupants in the Begich Towers was briefly discussed.

**VOTE:** Motion passed with 4 votes in favor and 3 abstentions

**B. Res. #14-2018 - A resolution of the City Council of the City of Whittier, Alaska authorizing the Acting City Manager to approve assignment of the Whittier Inn lease from Whittier Inn, LLC to Whittier Lodging, LLC**

**MOTION:** Dave Dickason made a motion to adopt Resolution #14-2018

**SECOND:** Peter Denmark

**DISCUSSION:** Annie Reeves gave an introduction for this resolution and explained that in reading the lease, she did not find items of concern. Annie clarified that the provisions of the lease will remain the same, and that they're just assuming the lease.

Dave Dickason asked if it was just a name change. Annie said yes.

Peter Denmark asked if there were any arrears before the transfer can carry through. Annie replied that any arrears would be unknown to her at this point as it the first step in the procedure. She noted Peter's question. David Pinquoch answered that he would not expect any arrears as Todd Perez has managed the establishment for over a year.

Dave Pinquoch thanked Annie Reeves for presenting it to Council.

**VOTE:** Motion passed with 4 votes in favor and 3 abstentions

## **7. NEW BUSINESS**

None

## **8. EXECUTIVE SESSION**

None

## **9. COUNCIL DISCUSSION**

Annie Reeves reported that the City had hired staff to operate Gym Night at the school, but said staff had moved on to different employment opportunities. She commented that the position has not been filled yet. Annie presented the possibility of having Pat Reeves, her husband, open the gym as a volunteer to the city. She stressed that he would not be paid by the City of Whittier. She specified that

it is in the summer when the community looks to the gym for recreation and said it would be beneficial for the community. She reminded the Council that he would work solely as a volunteer as she is aware it would be a conflict of interest.

Council gave consent for Pat Reeves to volunteer as the summer Gym Attendant.

Monty Irvin asked if fish have made it to the dock. Peter Denmark replied that fish is expected on June 1<sup>st</sup>.

Annie Reeves reported that she is working on correcting some language in Title 2.70; *Personnel Administration*. She plans to go through the code with Department Directors so as to have the code reflect City Administration as much as possible. Topic was discussed at length.

Monty Irvin inquired about the plans for the future use of the parking lot the City has created on the west side of the BTI building. Scott Korbe replied that the plan so far is to engage an engineer to do it correctly.

David Pinquoch briefly mentioned that the Tier 2 Grant.

#### **10. CITIZEN'S DISCUSSION**

None

#### **13. ADJOURNMENT**

All were in favor of adjourning the meeting at 6:44 p.m.

**ATTEST:**

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**Naelene Matsumiya**  
**City Clerk**

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**Daniel Blair**  
**Mayor**



## ACTING CITY MANAGER REPORT CITY OF WHITTIER

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To: Mayor, Council, and City Residents

From: Annie Reeves, Acting City Manager

Date: June 19, 2018

Our City continues moving forward in becoming more adept administrators of our resources. We are streamlining policies and procedures to ensure maximum effectiveness and efficiency. We are building strong foundational programs (human resources, safety, training, etc.) that seem to have been lacking in prior administrations. We continue to work together to build a stronger team mentality with greater morale, which in turn allows us to work more competently towards project management. All told, your City is humming with activity this summer as we work to not only maintain, but also to grow, positive relationships and project completion rates.

1. **July 4th Fireworks** - the City has coordinated our 4th of July fireworks display and is partnering with the Whittier Chamber of Commerce to sponsor our 4th of July festivities. Fingers crossed we get a glorious sunny day like last year!
2. **Whittier Insurance** - all Whittier insurance policies are updated and current.
3. **Safety Training** - administration is working with our insurance carrier (Alaska Public Entity Insurance) to complete a safety assessment from which we will address any safety issues as well as build a safety training program for all staff.
4. **Harbor Renovation - Phase III** - reviewing our prior bond history in preparation for a second bond request to finance phase III of our harbor renovation.
5. **Delong Dock Management and Maintenance** - conducted final review of the closing documents and ITB lease for final signatures. Kyle Sinclair, Harbormaster, and I continue working together to finalize forms, rates, and land use permits.
6. **Girdwood Public Safety Contract** - Greg Russell, Interim Director of Public Safety, and I will review the Girdwood contract in anticipation of renegotiating the terms this Fall. We will be reviewing the contractual language against our current staffing levels and ability to deliver great service to both communities.
7. **Meeting - Department of Fish and Game** - the Kyle and I met with a delegation from the Department of Fish and Game to discuss potential funding opportunities for harbor expansion at the head of the bay. Paul Cyr, Access Program Coordinator, was very excited as he shared how the timing is right to partner with Whittier as there are no large

projects in the works and it is a no brainer to fund the head of the bay project because of the incredible opportunity it affords both Whittier and our outlying communities. All sides understand that development is still several years away but it was wonderful to sit around a table and discuss possibilities.

8. **Whittier Seafood** - Working on a land use permit for the Ocean Dock. Great care will be given within the permit to ensure no negative impacts arise around the Triangle area. Also working with Cathy McCord, Whittier Seafood Office Manager, towards leasing 1507 and 1509.
9. **APEI Safety Training and Equipment Grant** - both the Public Safety Department and the Harbor will have an opportunity to purchase safety equipment and have upto \$5,000 reimbursed. This is a wonderful opportunity to ensure our staff is kept safe.
10. **Title II, 2.70, Rewrite** - worked diligently to rewrite 2.70 and give all staff the opportunity to review/comment/edit the draft before presenting to Council at yesterday's workshop.
11. **Leases** - working on several lease transfers ensuring legal sufficiency in the transfers.



# THE CITY OF WHITTIER

*Gateway to Western Prince William Sound*

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**From:** John Janik, Director of Finance

**To:** Mayor Dan Blair & Whittier City Council

**Via:** Annie Reeves, Acting City Manager

**Subj:** Finance Report for June 19, 2018 reflecting closing activity as of May 31, 2018

**Opening Comment:** I have made a couple of changes to my monthly report that I believe will reduce the bulk and provide you with a clearer understanding of all finance-related activities.

**Specific Comments:**

1. The auditors were in town for the field-work portion of the audit process the week of May 21 thru May 25. Fortunately, we were adequately prepared and organized that they were able to reduce their time on-site by a full day, and departing Thursday afternoon as opposed to Friday. There are a few follow-up items but those are nearly complete.
2. I have made one significant change to the monthly report in that I have summarized the typical 20-plus page financial statements onto a single-page "snapshot". The summary page includes bank balances, investment balances, interest earned, investment growth, general fund revenue & expenses, as well as the Water/wastewater & Small Boat Harbor revenue & expenses. Of course I will have the regular full-size copy on hand at the council meeting should anyone have specific questions.
3. Below is the grant status as of the first quarter. There has been second quarter activity, totaling \$32,074.85 thus far, which will be updated with the June report to be presented in July.

State Grant Number	13-DC-508	15-DC-160	10-DC-32
Project Name	Shotgun Cove Road	Shotgun Cove Road	RR Station Improvements
Grant Amount	2,000,000.00	2,000,000.00	325,000.00
Expenditures to Date	1,670,014.60	59,400.00	63,389.15
Funds Remaining	323,985.40	1,940,600.00	261,610.85

Federal Grant No.	17-DG-11100410-033	DTEH70-03-A-17-0077/018
Project Name	Horsetail Falls Gate & Parking	Shotgun Cove Road
Grant Amount	40,255.00	7,000,000.00
Expenditures to Date	0	4,701,894.08
Funds Remaining	40,255.00	2,298,105.92

Unfortunately on a more critical note, during the audit field-work it was discovered that the 4<sup>th</sup> quarter 2016 reimbursements for grant no. 13-DC-508 were duplicated, and the City was reimbursed twice in the amount of \$318,211.63. To correct this, all Shotgun Cove related expenses incurred this quarter will be applied to the overpayment, and any resulting balance will be refunded to the State of Alaska with the 2<sup>nd</sup> quarter report. The table on the previous page has been corrected to reflect the reimbursement error.

4. At the end of this month we will be half-way through the year. As early as possible in July I will review the revenue & expenses as compared to the budget and present to the acting city manager any budget amendment which may seem appropriate.
5. I have also began a review of the City's investment policy, and performance of actual investments. My plan it to develop a brief presentation that reflects current performance as well as options to consider. When finished, I will have the presentation available via the acting city manager.

**Closing Comment:** This report is shorter than most previous with the objective that quality of data presented will be preferable to quantity of pages.

### End of Report ###

**City of Whittier**  
**Financial Status Summary**  
**31-May-18**

Cash-General Checking	500,000.00
Repurchase Agreement	2,199,635.59
Combined UBS Investments	2,825,639.57
<b>Total Funds Available</b>	<b>5,525,275.16</b>

FNBA Repurchase Agreement Average Balance	2,448,574.39
FNBA Repurchase Agreement Interest to Date	7,813.98
<b>Actual YTD Return Based on Average Balance</b>	<b>0.3190%</b>
UBS Investment-1/01/17	2,776,973.27
UBS Investments 5/31/18	2,825,639.87
Dollar Growth over 17 months	48,666.60 or \$2,862.74/mo
<b>Total % ROI-over 17 months</b>	<b>1.7525% or 0.103%/mo</b>

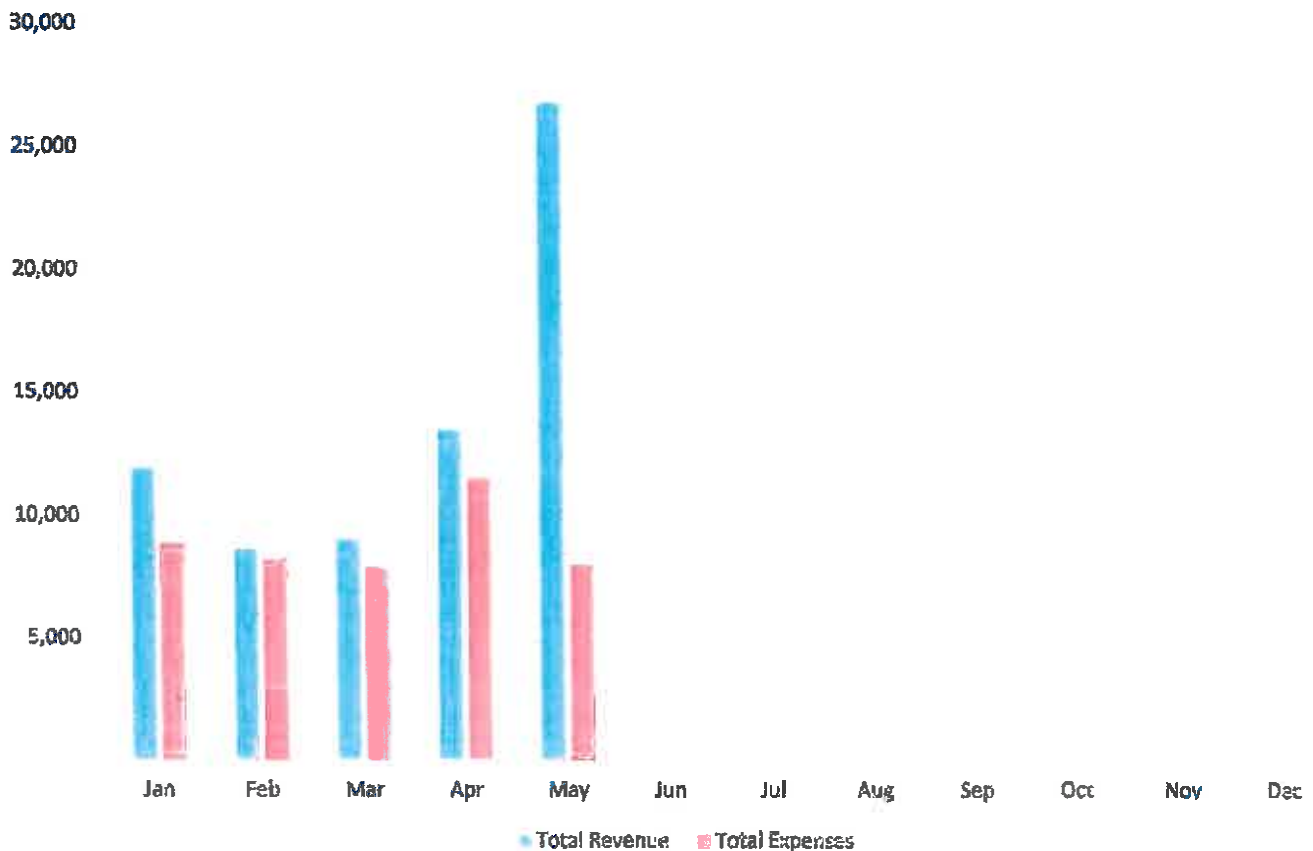
	General Fund				Water-Works	Harbor
Revenue Budget Amount	2,764,503.00				354,100.00	1,458,850.00
Revenue Received this Period	112,551.75				46,757.58	50,499.93
Revenue Received YTD	317,047.97				89,822.04	835,889.26
Remaining Revenue	2,764,503.00				264,277.96	622,960.74
Percent Revenue Received	11.00%				25.37%	57.30%
Percent Revenue Remaining	89.00%				74.63%	42.70%
					Water-Works	Harbor
Expense Budget Amount					276,279.00	1,292,539.00
Expenses This Period					7,987.25	44,057.88
Expenses YTD					56,568.72	320,566.84
Expenses Remaining					219,710.28	971,972.16
Percent Expensed YTD					20.48%	24.80%
Percent Expenses Remaining					79.52%	75.20%



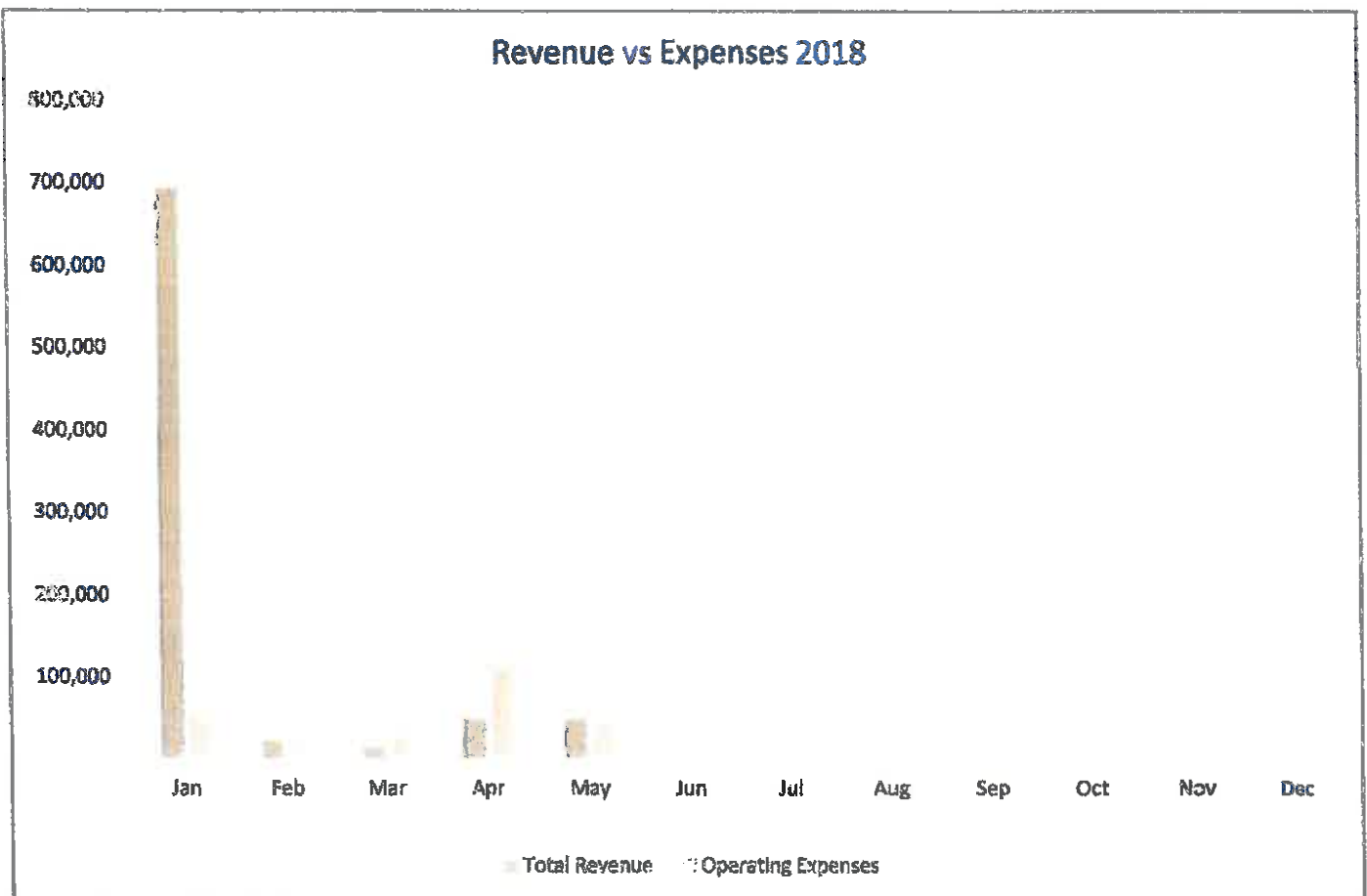
## Water & Wastewater Fund Performance 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Water	4,722.60	4,748.85	4,989.56	8,034.76	21,257.58								
Sewer	3,729	3,885	4,063	4,708	5,600								21,866
Other	3,445		-	732									4,176
<b>Total Revenue</b>	<b>11,897</b>	<b>8,614</b>	<b>9,032</b>	<b>13,474</b>	<b>26,758</b>								<b>69,775</b>
<b>Total Expenses</b>	<b>8,825</b>	<b>8,186</b>	<b>7,874</b>	<b>11,524</b>	<b>7,987</b>								<b>44,407</b>
<b>Net Income (Loss)</b>	<b>3,072</b>	<b>417</b>	<b>1,158</b>	<b>1,950</b>	<b>18,770</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,368</b>
<b>Expense Percent of Revenue</b>	<b>74%</b>	<b>95%</b>	<b>87%</b>	<b>86%</b>	<b>30%</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>64%</b>

## Revenue vs Expenses 2018



Small Boat Harbor Fund Performance 2018													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Revenue													
Services	684,385	14,628	6,042	40,689	41,189								786,934
Leases	9,219	9,219	9,219	9,219	9,219								46,096
Other	-			558	91								649
Total Revenue	693,604	23,848	15,262	50,467	50,499	-	-	-	-	-	-	-	833,679
Operating Expenses	52,653	27,534	37,047	116,556	44,088								277,879
Net Income (Loss)	640,951	(3,687)	(21,785)	(66,089)	6,411								555,801
Expense Percent of Revenue	8%	115%	243%	231%	87%	SDIV/01	SDIV/01	SDIV/01	SDIV/01	SDIV/01	SDIV/01	SDIV/01	33%



NOTE 1: The January spike in revenue is due to the prepayment of annual preferred moorage agreements

NOTE 2: The April spike in expenses is due to the semi-annual bond interest payment



## **CITY OF WHITTIER HARBOR**

P.O. Box 639 Whittier, Alaska 99693  
907-472-2327, ext 6; Fax 907-472-2472  
E-Mail: [harbormaster@whittieralaska.gov](mailto:harbormaster@whittieralaska.gov)

June 19, 2018

From: Harbormaster  
To: City Manager

Subj: Monthly Harbor Report

### **Administration:**

- Continuing to work with Build Grant to cover completion of the small boat harbor renovation, refurbishing our City and Ocean docks, mitigating erosion issues, and replacing our boat lift
- Continuing to pursue other funding avenues to complete renovation on the harbor
- Working with Alaska Department of Fish and Game Access Program for future funding of the Head of the Bay Project
- Preparing documents and fee schedules for Ocean and DeLong Dock operations

### **Harbor:**

- Preparing for summer season
- Refurbishing Whittier Office and Restrooms
- DeLong dock and Ocean dock tracking

### **Meetings attended:**

- City Council meeting
- Ports and Harbor meeting

Copy to:  
File

# Memorandum

To: Annie Reeves - City Manager

From: Scott Korbe

Subject: Monthly Public Works Report

Date: June 10, 2018

During the past month the Public Works Department has been focused on the following:

## **Sanitary Sewer**

- Lift Station 1, 2, 3, 4 – Remove all Fog and clean floats
- Monthly Testing and Reporting
- Detention Facility – Sludge Judge.
- Summer Maintenance
- Service all remote restrooms

## **Water**

- Water Meter Service install – 19 each
- Hydrant Inspections
- Valve Inspections
- Monthly Testing
- Annual Consumer Confidence Report – Posted and available on website.
- Locate valves in RR Yard.

## **Roads**

- Grade SCR
- Brush road side ditches and along SCR and Lou Young Park
- SCR – removed rock debris on the road
- Install seasonal signage

## **Harbor & Misc:**

- Help Install fish pens

## **Projects**

- **PSB – Generator – Essential for the operation for all city departments, Clinic, and Emergency Operation Center**
  - Previous admin eliminated it from the construction contract
  - Met with contractors to discuss the feasibility and options for a generator to be purchased and installed for the PSB.
- **SCR Phase 5**
  - Sign Contracts 6-11-2018
  - Pruhs construction is eager to get start it. The contract calls for the project to be completed November of 2019. Pruhs schedule at the time of bid shows completion Nov 2018. We should see the contractor to start mobilizing on to the project site this week and survey stakes being installed.
- **Well House – Remote Monitoring –**
  - Met with Procom to discuss the automation and remote reporting for all 3 wellhouses. .
- **RR Plaza at the Pedestrian Tunnel**
  - Working with Pruhs to quote the concrete work and landscaping

**Notes from the PW Director** This month I have focused my attention on the following areas:

- **Council Request – Generator Procurement - \$100,000 to \$150,000**
  - The Public Service Building is a crucial part of city. The building houses all essential city services: Police, Fire, EMS, Public Works, Water, Waste Water, Clinic and Emergency Operation Center. The city does not currently own or have a way to provide generator power during an outage from Chugach.

We request permission to advertise a “Request For Proposal” (RFP) to provide and install a generator that meets the original construction requirements for the PSB. The estimated costs for construction is \$100,000 to \$150,000. Please see the attached RFP for the project. When the RFP has been evaluated a recommendation will be made to council to accept or reject the bid and award the contract.

I apologize that I am on vacation and unable to present this to council. If you have questions please feel free to contact me on my cell.

- PSB – Elevator Repair
- PSB -
- Western Federal Lands – FLAP Grant
- Working with City Manager – PCD Survey
- Participated in the following meetings
  - Council Meeting
  - Staff Meetings
  - SCR Phase 5 – Construction meetings

## **WHITTIER PUBLIC SERVICE FACILITY ENGINE GENERATOR PURCHASE**

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### **Preamble**

The Public Service Facility is a newly constructed facility in Whittier AK. The original design placed the standby generator set outside, due to snow depth behind the building it was separated from the project. It is now desirable to explore placement of the generator set inside the equipment bay.

This Request for Quotes consists of three pages of Scope of Work with bid form.

### **Project Description**

This Request for Quotes is for project design, permitting, installation, and furnishing one each engine generator assembly, diesel fuel sub-base tank and all NFPA 110 accessories providing a turn key Standby Generator system.

### **Work Included**

- Furnish engine generator assembly and all accessories in accordance with proposed design.
- Provide list of engineering firm and all subcontractors/primary suppliers with POC information.
- Design must address code compliance, supply and discharge air, and fuel system.
- Design must address concrete housekeeping pad, gen-set perimeter personnel safety, electrical conduit runs to existing ASCO ATS, 120/208 power supply for block heater and battery charger, engine exhaust piping out of building and away from existing fresh air intake systems.
- A code compliant power study may be done to determine generator set rating or use original design rating 275kw, 120/208 3-ph 4W
- Provide generator shunt trip activation switch adjacent to service entrance on building exterior.
- Provide submittals to the owner for review and approval prior to beginning manufacture or installation.
- Upon commencement of installation work, progress reports shall be provided to the owner every week. Reports shall include a brief written description and digital photographs of work completed. Adequate photographs shall be provided to document each step in the installation procedure. Each report shall be submitted via email within one working day of completion of the work week.
- Test completed engine generator in accordance with manufacture specifications.
- Demonstrate full function test and train owner's maintenance personnel.
- Deliver F.O.B.: Whittier, Alaska
- Provide warranty and O&M manuals in electronic and paper copy

### **Required Delivery**

**14weeks** This is the maximum time in calendar weeks from award of order to delivery at the F.O.B. point. If you anticipate delays that may affect the ability to meet the firm delivery you must notify the owner prior to submitting your quote.

## **WHITTIER PUBLIC SERVICE FACILITY ENGINE GENERATOR PURCHASE**

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### **Terms and Conditions**

- Determination of responsible Bidder will be in accordance with the Contractor Qualifications as determined by the owner.
- Minor informalities of this RFP that do not affect responsiveness and do not reflect a material change to the Scope of Work may be waived by the Owner.
- Payment will be authorized with a City of Whittier Purchase Order. Payment will be NET 30 on receipt of original invoice and acceptance of the materials at the F.O.B. point.
- **Termination:** A PO issued under this Request for Quotes may be terminated by either party upon 10 days written notice if the other party fails substantially to perform in accordance with its terms through no fault of the party initiating the termination ("Default Termination"). If the Owner terminates this agreement, the Owner will pay the Contractor a sum equal to the percentage of work completed that can be substantiated in whole or in part either by the Contractor to the satisfaction of the Owner, or by the Owner. If the Owner becomes aware of any non-conformance with this agreement by the Contractor, the Owner will promptly notify the Contractor in writing of the non-conformance. Should the Contractor's services remain in non-conformance after having received written notification, the percentage of total compensation attributable to the non-conforming services may be withheld. The Owner may at any time suspend or terminate ("Convenience Termination") this Agreement for its needs or convenience with or without cause upon written notice. In the event of a Convenience Termination, the Contractor will be compensated for all authorized services and authorized expenditures performed to the date of receipt of written notice of termination plus reasonable expenses. No fee or other compensation will be due for any incomplete portion of the services.

**WHITTER PUBLIC SERVICE FACILITY  
ENGINE GENERATOR PURCHASE**

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**Bid Response**

<b>Item</b>	<b>Description</b>	<b>Bid Price \$</b>
1	Design, Supply, and Install Engine Generator & Accessories. Accordance With Specifications	

Bidder (company): \_\_\_\_\_

Contact Person: \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Mailing Address:

Authorized Signature:

Bidder must attach detailed proposal and list of subcontractor/suppliers



# THE CITY OF WHITTIER

*Gateway to Western Prince William Sound*

P.O. Box 608 • Whittier, Alaska 99693 • (907) 336-1490 • Fax (907) 472-2404

**PORT & HARBOR COMMISSION  
SPECIAL MEETING  
THURSDAY, APRIL 23, 2018  
Council Chambers, Public Safety Building  
7:00 p.m**

## MINUTES

**1. CALL TO ORDER**

Greg Clifford called the meeting to order at 7:06

**2. ROLL CALL**

Ed Hedges, Arnie Arneson, Greg Clifford, Ron Graham, Dave Goldstein, Mark Mitchell.

**MOTION:** Dave Goldstein made a motion to excuse Brad VonWichman from tonight's meeting.

**SECOND:** Arnie Arneson

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**3. ADMINISTRATION PRESENT**

Kyle Sinclair, Harbormaster

Naelene Matsumiya, City Clerk

John Janik, Finance Officer

**PUBLIC PRESENT**

Dave Pinquoch, Daniel Blair, Charlene Arneson and Todd Perez

**4. APPROVAL OF REGULAR MEETING AGENDA**

**MOTION:** Ed Hedges made a motion to approve the April 23, 2018 Regular Meeting Agenda as is.

**SECOND:** Arnie Arneson

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**5. APPROVAL OF MINUTES**

**MOTION:** Ed Hedges made a motion to approve the Regular Meeting Minutes of March 29, 2018.

**SECOND:** Arnie Arneson

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**6. CORRESPONDENCE**

None

**7. NON-ACTION BUSINESS**

None

**8. NEW BUSINESS**

**A. Review of Harbor Policy and Procedure**

Item was discussed during the worksession prior to the meeting. Kyle stated that he will make corrections to approve it. Greg Clifford suggested a Doodle poll for a date on when the Commission can approve the Policy and Procedure.

**B. Port and Harbor Request for Council Participation**

Greg Clifford acknowledged Council members Dave Pinquoch and Daniel Blair for attending tonight's meeting. He mentioned that he made a formal request at the last meeting and thanked them for their participation tonight.

Arnie Arneson offered his thanks as well.

**C. Presentation led by Dave Pinquoch**

Meeting was turned over to Dave Pinquoch for his presentation on the fish hatchery and salmon fry that come into the Prince William Sound.

**D. Harbor Turning Basin Review**

Dave Pinquoch stated that the chart is based off of the Harbor revenue in the future. He stated that Council wanted to see the Harbor become self-sufficient. He explained further.

**MOTION:** Dave Goldstein made a motion to endorse the alternate design regarding a crosswalk between C and D and the elimination of slips on the S side of that crosswalk.

**SECOND:** Arnie Arneson

**DISCUSSION:** None

**VOTE:** Motion passed unanimously

**9. MISCELLANEOUS BUSINESS**

Kyle Sinclair briefly spoke about federal funding.

**10. PUBLIC COMMENTS**

None

**11. COMMISSION COMMENTS**

None

**12. NEXT MEETING AGENDA ITEMS**

Items are undetermined at this point.

**13. NEXT MEETING ATTENDANCE PLANS**

None

**14. ADJOURNMENT:**

**MOTION:** Ed Hedges made a motion to adjourn the meeting

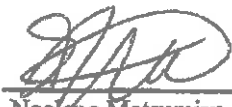
**SECOND:** Arnie Arneson

**DISCUSSION:** None

**VOTE:** Unanimous

Meeting was adjourned at 8:16 pm.

**ATTEST:**



Naekene Matsumiya  
City Clerk



Greg Clifford  
Commission Chairperson

## **DRAFT**

### **City of Whittier Alaska Ordinance #04-2018**

**An Ordinance of the City of Whittier, Alaska, amending Whittier Municipal Code in regard to City Elections by adopting a new elections code to allow for candidates to file a declaration of candidacy to place their name on the ballot; by adopting a new title 4 Elections, Chapter 4.04 General Provisions, Chapter 4.08 Voter Qualification, and Chapter 4.12 Candidates; amending Section 2.06.010 Incorporation of State and Federal law, 2.04.030 Qualifications, and 2.04.040 Terms; and repealing sections 2.06.10 – 2.06.060 and 2.04.050 Organization meeting, all related to candidates, filing for office and related election requirements; and to allow the City a more efficient and effective way to operate City elections.**

**WHEREAS** the City of Whittier, currently uses a nominating petition to nominate a candidate for office, and we find it is in the best interest of the city to allow for a declaration of candidacy to nominate one's self as a candidate for city office making the process easy for the public and more efficient for the City Clerk; and

**WHEREAS** it is the intent to use title 4, currently reserved, for our elections code, and upon adoption of this ordinance, chapters relating to general provisions of elections, voter qualifications and candidates will be moved to title 4, and it is the intent that another ordinance relating to administration of elections, voting methods, voting process, ballot counting, contest and recount will be presented to the Council for adoption within the next 60 days; and

**WHEREAS** due to the amendments in this ordinance, sections in chapter 2.04 must also be amended regarding qualifications and terms of City Council; and

**WHEREAS** due to the amendments adopted in this ordinance, section 2.04.050 related to organization meetings and several sections in the current election chapter 2.06 need repeal as new language has been incorporated.

#### **THE WHITTIER CITY COUNCIL ORDAINS:**

**Section 1.** Whittier Municipal Code Title 4 Elections, and chapters 4.04 General Provisions, 4.08 Voter Qualification, and 4.12 Candidates, are is adopted to read as follows:

##### **Title 4 Elections**

##### **Chapter 4.04 General Provisions.**

##### **Chapter 4.08 Voter Qualification.**

##### **Chapter 4.12 Candidates.**

## DRAFT

**Section 1.** Whittier Municipal Code sections 4.04.010 Definitions, .030 Powers and duties of the clerk, and .040 Regular election, are adopted to read as follows:

### 4.04.010 Definitions.

When used in this title, the following words and phrases shall have the meanings set forth in this section:

CLERK. The city clerk or any properly authorized employee or assistant to the city clerk.

### 4.04.030 Powers and duties of the clerk.

The clerk shall administer all city elections and shall determine whether candidates for city office are qualified in accordance with this title.

### 4.04.040 Regular election.

A. The date of the regular election shall be annually on the first Tuesday of October.

B. The council may provide for different dates for regular election by ordinance.

**Section 3.** Whittier Municipal Code section 2.06.010, Incorporation of State and Federal Law, is amended, and the section is renumbered and placed in chapter 4.04 General Provisions, to read as follows:

### 4.04.06.010 Incorporation of State and Federal law.

All provisions of the United States Constitution ~~of the United States~~, the Alaska State Constitution ~~of the State of Alaska~~, and the any laws enacted pursuant to these ~~said~~ constitutions affecting City elections, are incorporated in this section ~~chapter~~ as if fully set out in this ~~title~~ herein.

**Section 4.** Whittier Municipal Code sections 4.08.010, Voter Qualification, and 4.08.020 Rules for determining residence of voter, are adopted to read as follows:

### 4.08.010 Voter qualification.

A. A person may vote in a city election only if the person:

1. Is qualified to vote in state elections under AS 15.05.010;

2. Has been a resident of the city for 30 calendar days immediately preceding the election;

## DRAFT

3. Is registered to vote in state elections at a residence address within the city at least 30 calendar days before the city election at which the person seeks to vote; and
4. Is not disqualified to vote under Article V of the Alaska Constitution.

### 4.08.020 Rules for determining residence of voter.

A voter's residence shall be determined under the rules in AS 15.05.020.

**Section 5.** Whittier Municipal Code chapter 4.12 Candidates is adopted to read as follows:

### Chapter 4.12 Candidates

- 4.12.010 Candidate qualifications.
- 4.12.020 Declaration of candidacy.
- 4.12.030 Notice of offices to be filled.
- 4.12.040 Declaration of candidacy - Procedure.
- 4.12.050 Determination of eligibility of candidate.
- 4.12.060 Corrections, amendments and withdrawal of declarations of candidacy.
- 4.12.070 Write-in candidates – Notice of intent required.

### 4.12.010 Candidate qualifications.

A. A candidate for Council shall have the qualifications required in § 2.04.030, as of the date of the election.

B. A candidate shall provide proof of qualification for office as required by the Clerk.

### 4.12.020 Declaration of candidacy.

A. A candidate for Council shall file a declaration of candidacy under oath on a form provided by the Clerk.

B. The declaration of candidacy shall include:

1. The full legal name of the candidate, and the manner in which the candidate wants the candidate's name to appear on the ballot;
2. The full residence and mailing address of the candidate;
3. The contact information of the candidate;
4. The office for which the candidate declares, and the date of the election at which the candidate seeks election;

## DRAFT

5. A statement that the candidate is qualified for the office as provided by law, and will serve if elected; and

6. The candidate's certification before an official authorized to administer oaths that the information in the declaration of candidacy is true and accurate, with the date and the candidate's signature.

### **4.12.030 Declaration of candidacy – Notices of offices to be filled.**

The Clerk shall post a notice of offices to be filled, on the city's website at least 10 days before the filing period for declarations of candidacy opens. The notice shall include the manner of declaring candidacy. The notice may also be posted in other conspicuous places in the city.

### **4.12.040 Declaration of candidacy - Procedure.**

A. Packets containing declarations of candidacy shall be available from the Clerk no later than the day the filing period opens. The packets shall remain available throughout the filing period.

B. Declarations of candidacy shall be submitted on a form provided by the Clerk. The declaration of candidacy form must be submitted as an original and shall not be submitted by facsimile or electronically. A declaration of candidacy shall be completed and filed with the Clerk no earlier than 8:00 a.m., 57 days, before a regular election, and no later than noon p.m., 46 calendar days, before a regular election.

C. A person shall not be a candidate for more than one elected city office at a time.

### **4.12.050 Determination of eligibility of candidate.**

A. The Clerk shall determine whether each candidate for office is qualified as provided by law. At any time before the election the Clerk may disqualify any candidate whom the Clerk finds is not qualified.

B. Any person, including the Clerk, may question the eligibility of a candidate who has filed a declaration of candidacy by filing a complaint with the Clerk.

C. The complaint must be in writing and include the name, mailing address, phone number, contact information, signature of the person making the complaint, and a statement describing the grounds on which the candidate's eligibility is being questioned.

D. The Clerk will review only those issues in the complaint related to candidate qualifications.

## DRAFT

E. Upon receipt of a complaint, or if the Clerk questions the eligibility of the candidate, the Clerk will send notification in writing to the candidate.

F. The Clerk shall review any evidence relevant to the candidate's qualifications, including, but not limited to, the candidate's residency, voter registration, declaration of candidacy, and any other document of public record or as required by § 4.12.010. Based on the review of the documents, the Clerk will determine whether a preponderance of evidence supports or does not support the eligibility of the candidate.

G. If the Clerk determines the preponderance of evidence supports the eligibility of the candidate, the Clerk will issue a final determination supporting the candidate's eligibility.

H. If the Clerk determines the preponderance of evidence does not support the candidate's eligibility, notice to the candidate will identify any additional information or evidence that must be provided by the candidate. The Clerk must receive the requested information no later than three calendar days from the date of notice. The Clerk will consider any additional information provided and issue a final determination as to the candidate's eligibility no later than three calendar days from receipt of the additional information.

I. If the information requested by the Clerk in subsection H of this section is not received by the specified deadline, the Clerk will issue a final determination regarding the candidate's eligibility based on the information initially reviewed.

J. The Clerk will send notice of final determination in writing to the person making the complaint, if applicable, and to the candidate. The determination of the Clerk is final.

### 4.12.060 Corrections, amendments and withdrawal of declarations of candidacy.

A. A candidate may correct or amend a declaration of candidacy at any time during the period for filing declarations of candidacy, by written notice to the Clerk signed by the candidate. After the filing period has closed, no declaration of candidacy may be corrected or amended.

B. A candidate may submit to the Clerk a new declaration of candidacy for a different office or seat, at any time during the period for filing declarations of candidacy, but only after filing with the Clerk a written withdrawal of the former declaration of candidacy, signed by the candidate.

C. A person may withdraw as a candidate for office only by filing with the Clerk a written withdrawal of the declaration of candidacy signed by the candidate no later than noon on the Friday following the closing of the candidacy filing period.



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### 04.12.070 Write-in candidates – Notice of intent required.

A. Votes for a write-in candidate shall not be counted unless that candidate has filed a letter of intent not earlier than the first business day following the last day of the filing period for declarations of candidacy and not later than 14 days prior to the date of the election with the City Clerk stating:

1. The full name of the candidate;
2. The full residence and mailing address of the candidate and the date on which residency at that address began;
3. The day and evening telephone numbers of the candidate;
4. The office, and seat, if applicable, to which the candidate seeks election;
5. The name of the candidate as the candidate wishes it to be written on the ballot by the voter;
6. The date of the election at which the candidate seeks election;
7. A certification by the candidate that the candidate:
  - a. Is a qualified voter and elector of the City of Whittier;
  - b. Is a resident of the City;
  - c. Qualifies or shall qualify, as of the date of the election, for the office the candidate seeks;
  - d. Shall serve if elected;
  - e. Intends to remain a resident of the City for at least one year after the date of the election; and
  - f. Is not a candidate for any other office to be voted on in the election;
8. A certification by the candidate that the information in the letter of intent is true and accurate; and
9. The date and signature of the candidate seeking office.

**Section 6.** Whittier Municipal Code section 2.04.030, Qualifications, is amended to read as follows:

#### **2.04.030 Qualification of council members.**

A. A person is eligible to be a council member ~~The Council members~~ if the person:

## DRAFT

1. Is registered and in all other respects qualified to vote in city elections as provided in Section 4.08.010; and

~~2. Has been a resident of must be qualified electors of the City, and must have been domiciled in the City or territory annexed to the City for at least one year immediately prior to the election or appointment to fill a vacancy date of filing a nomination petition for election to Council.~~

B. A Council member who ceases to be ~~eligible to be~~ a City voter shall immediately forfeits ~~his office and no council action is needed.~~

C. ~~All persons filing nominating petitions for City Council seats must file a letter of intent stating that they will remain in the City for a period of at least one year.~~

~~D. If, for any reason, a~~ If a Council member, no longer physically resides in moves away from the City, ~~or territory annexed to the City,~~ the Council shall immediately declare his or her seat vacant.

~~DE.~~ The definition of “domicile” for the purpose of this section shall be: that place where a person’s true, fixed and permanent home, to which the person, when absent, has the intent of returning.

**Section 7.** Whittier Municipal Code section 2.04.040, Election - Terms, is amended to read as follows:

### **2.04.040 Election— City Council Terms.**

~~An election shall be held annually on the first Tuesday of October, to choose the members of the City Council. The voters shall elect a Council member to a designated seat for a three year term and until his or her successor is elected and has qualified. The terms of the designated seats shall be staggered on a three year cycle as follows:~~

A. City Council members shall file for and be elected to seats designated A, B, C, D, E, F and G. A council member’s term shall be three years. The terms for seats “,” “C” and “G” shall expire in one year.

B. A qualified candidate succeeds to the candidate’s elected office at the next regular council meeting following the certification of election and upon taking an oath of office. The terms for seats “E” and “F” shall expire in the second year.

C. A person appointed to fill a vacated seat serves until the next regular election, when a successor shall be elected to serve the balance of the term. The terms for seats “A” and “D” shall expire on the third year.

~~The regular term of office begins at the organizational meeting on the next regular meeting more than seven days following the election.~~

## DRAFT

**Section 8.** Whittier Municipal Code section 2.04.050 Organizational meeting, is repealed as follows:

~~2.04.050 Organization meeting.~~

~~At the next regular meeting, more than seven days following the election, the new Council members shall be sworn in and seated.~~

**Section 9.** Whittier Municipal Code chapters 2.06.020 through 2.06.070, all relating to Candidates, are repealed as follows:

~~2.06.020 Candidate nomination—Nomination by petition.~~

~~Nominations for elective officers shall be made only by petition signed by 10 registered voters who must be qualified electors of the City, domiciled in the City or territory annexed to the City for at least 30 days prior to the date of signing the petition.~~

~~2.06.025 Candidate nomination—Identification of petitioners.~~

~~Each registered voter signing a nomination petition shall, in addition thereto, print his or her name and state his or her place of physical residence, by street and number, apartment number if applicable, lot and block, or other sufficient means, and telephone number if applicable.~~

~~2.06.030 Candidate nomination—Nomination petition form.~~

~~Nomination petitions shall be in substantially the following form:~~

~~NOMINATION PETITION~~

~~We, the undersigned, qualified voters of the City of Whittier, Alaska, hereby nominate and sponsor \_\_\_\_\_, whose residence is \_\_\_\_\_ in the City of Whittier, for the office of \_\_\_\_\_, Seat \_\_\_\_\_, for a term of \_\_\_\_\_ years, to be voted for at the election to be held on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_. We, individually, certify that we are qualified electors of the city, that we are qualified to vote for a candidate for the office this candidate seeks, and that we have not signed other nominating petitions for this office exceeding in number the vacancies in this office to be filled in this election.~~

~~Signature & printed name: \_\_\_\_\_~~

~~Physical Address: (number, street, apartment, lot and block, or other location):~~

~~Telephone: \_\_\_\_\_~~

~~Date: \_\_\_\_\_~~

~~Signed~~

~~1. \_\_\_\_\_~~

~~2. \_\_\_\_\_~~

~~3. \_\_\_\_\_~~

~~(spaces for a minimum of 10 signatures)~~

~~ACCEPTANCE OF NOMINATION~~

~~I, the person named in this petition, accept the above nomination, certify that I possess the qualifications required by Section 2.04.030, Whittier Municipal Code, and agree to serve if elected.~~

~~My name should be placed on the ballot to read as follows:~~

~~(please print)~~

~~My mailing address is: \_\_\_\_\_~~

~~My residence address is: \_\_\_\_\_~~

~~P. O. Box \_\_\_\_\_~~

## DRAFT

Whittier, Alaska 99693

My telephone number is: Days \_\_\_\_\_

Evenings \_\_\_\_\_

Signature of Candidate

### CERTIFICATE OF FILING

The within petition is filed by \_\_\_\_\_, whose address is \_\_\_\_\_  
Whittier, Alaska 99693.

FILED on the \_\_\_\_ day of \_\_\_\_\_, at \_\_\_\_ o'clock in the \_\_\_\_ M.

City Clerk, City of Whittier

By: \_\_\_\_\_

Deputy

~~2.06.040 Candidate nomination — Nomination petitions — Filing.~~

~~Nominating petitions must be completed and filed with the City Clerk from August 1st through August 15th at 5:00 p.m. In the event August 1st falls on a Saturday or Sunday, then the petition would be available the preceding Friday. In the event August 15th falls on a Saturday or Sunday, then the petition must be filed no later than 12:00 noon on the first Monday following August 15th. The City Clerk shall record on the face of the petition itself the name and address of the person filing the petition, and the date and time it was filed. All petitions shall be preserved by the City Clerk and eventually destroyed as provided by this chapter for destruction of ballots.~~

~~2.06.050 Candidate nomination — Notification.~~

~~A. Within four days after the filing of a nominating petition, the City Clerk shall notify the candidate named in the petition and the person who filed the petition whether it is in the proper form and signed by 10 qualified electors. Nothing in this section alters or amends the City Clerk's authority to determine a candidate's qualifications as provided for in WMC 2.06.055.~~

~~B. If the petition is found defective for any reason the City Clerk shall immediately return it to the person who filed it, with a statement certifying wherein the petition is deficient, and shall send a copy of the statement to the proposed candidate.~~

~~C. A new petition for the same candidate may be filed within the times prescribed for filing petitions.~~

~~2.06.052 Write in candidates — Notice of intent required.~~

~~A. If a person is not nominated for office according to the provisions set forth in WMC 2.06.020 through 2.06.040, or does not appear on the final ballot for any reason other than a failure to fulfill the qualifications for the office, and wishes to be a candidate in the election, the candidate may file as a write-in candidate.~~

~~B. Votes for a write-in candidate may not be counted unless that candidate has filed a letter of intent not earlier than the day immediately following the last day of the filing period for nomination petitions and not later than 14 days prior to the date of the election with the City Clerk stating:~~

- ~~1. The full name of the candidate;~~
- ~~2. The full residence and mailing address of the candidate and the date on which residency at that address began;~~
- ~~3. The day and evening telephone numbers of the candidate;~~
- ~~4. The office, and seat, if applicable, to which the candidate seeks election;~~
- ~~5. The name of the candidate as the candidate wishes it to be written on the ballot by the~~

voter;

6. ~~The date of the election at which the candidate seeks election;~~
7. ~~A certification by the candidate that the candidate:~~
  - a. ~~Is a qualified voter and elector of the City of Whittier;~~
  - b. ~~Is a resident of the City;~~
  - c. ~~Qualifies or shall qualify, as of the date of the election, for the office the candidate seeks;~~
  - d. ~~Shall serve if elected;~~
  - e. ~~Intends to remain a resident of the City for at least one year after the date of the election;~~

and

- ~~f. Is not a candidate for any other office to be voted on in the election;~~
8. ~~A certification by the candidate that the information in the letter of intent is true and accurate; and~~
9. ~~The date and signature of the candidate seeking office.~~

~~2.06.055 Determination of candidate qualifications.~~

~~A. The City Clerk shall determine whether each candidate for municipal office is qualified as provided by law. At any time before the election, the City Clerk may disqualify any candidate whom the City Clerk finds is not qualified.~~

~~B. A candidate or person receiving write in votes who is disqualified may request a hearing before an independent hearing officer appointed by the City Council. The hearing shall be held no later than 10 days following a request by the person disqualified, unless the disqualified person and the City Council agree in writing to a later date. The hearing shall be conducted in accordance with the procedures provided for in AS 44.62.450(c) and (d), 44.62.460, and 44.62.630.~~

~~2.06.060 Candidate nomination—Withdrawal.~~

~~A. Any candidate nominated for office by a nomination petition may withdraw their candidacy no later than 30 days before the election.~~

~~B. Any candidate nominated for more than one seat on the City Council shall withdraw their candidacy from all but one seat no later than 30 days before the election. If the candidate fails to timely withdraw from all but one seat, then the City Clerk shall promptly declare the individual to be a candidate for the seat for which a proper nominating petition with sufficient signatures was first filed with the City Clerk and shall disqualify the candidate from all other City Council seats to which the candidate was nominated.~~

~~2.06.070 Annual election—When held.~~

~~Annually, on the first Tuesday of October of each year, a general election shall be held in the City for the election of vacant City offices, and for the determination of other matters as may regularly be placed on the ballot.~~

**Section 10. Classification.** This Ordinance is a permanent code ordinance.

**Section 11. Severability.** If any provision of this ordinance or any application thereof to any person or circumstances is held invalid, the remainder of this ordinance and the application to other persons or circumstances shall not be affected thereby.

**Section 12. Effective Date.** This ordinance shall become effective upon adoption.

**PASSED AND APPROVED** by a duly constituted quorum of the Whittier City Council on this \_\_\_\_ day of \_\_\_\_\_, 2018.

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Daniel Blair  
MAYOR

ATTEST:

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Naelene Matsumiya  
CITY CLERK

Introduced by: Assistant Manager

1st reading: 6/\_\_\_\_/18;

2nd reading/public hearing: 6/\_\_\_\_/18

Ayes:   ; Nays:   ; Absent:

**CITY OF WHITTIER, ALASKA  
RESOLUTION #14-2018**

**A RESOLUTION OF THE CITY OF WHITTIER, ALASKA AMENDING THE ORGANIZATIONAL CHART OF THE CITY TO REMOVE ALL DIRECTOR POSITIONS THAT ARE CURRENTLY UNFILLED BY EITHER FULL TIME OR INTERIM EMPLOYEES FROM THAT CHART AND TO REQUIRE THE NEW CONTRACTED CITY MANAGER TO PROPOSE REVISIONS TO CLASSIFICATIONS, ORGANIZATION, AND FUNDED POSITIONS WITH THE ADMINISTRATION OF THE CITY OF WHITTIER.**

**WHEREAS,** The government of the City of Whittier is organized as depicted on an organizational chart, which may be amended from time to time via resolution in accordance with WMC 2.02.030;

**WHEREAS,** There exist vacant and unfilled director level positions in the City government that are depicted on the City's current organizational chart; and

**WHEREAS,** it is in the City of Whittier's best interest to revise the current organizational chart to ensure that it accurately reflects the City's current government organization and existing filled positions and await appointment of a contracted city manager before specifying additional director positions in a classification chart, with the exception of any positions required by law; and

**WHEREAS,** Council intends to direct the newly appointed City Manager upon employment to revisit the classification chart, City personnel organization, and existing potential funded positions as well as related Code provisions within the first few months of his or her employment,

**THEREFORE, THE WHITTIER CITY COUNCIL RESOLVES:**

Section 1. The City's organizational chart shall be revised to remove all currently unfilled positions, except those positions required as a matter of law.

Section 2. This resolution shall be effective immediately upon adoption.

**PASSED AND APPROVED** by a duly constituted quorum of the Whittier City Council on this \_\_\_\_ day of \_\_\_\_\_, 2018.

Introduced by: \_\_\_\_\_

1st reading: \_\_\_\_\_, 2018

2nd reading and public hearing: \_\_\_\_\_, 2018

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Daniel Blair  
MAYOR

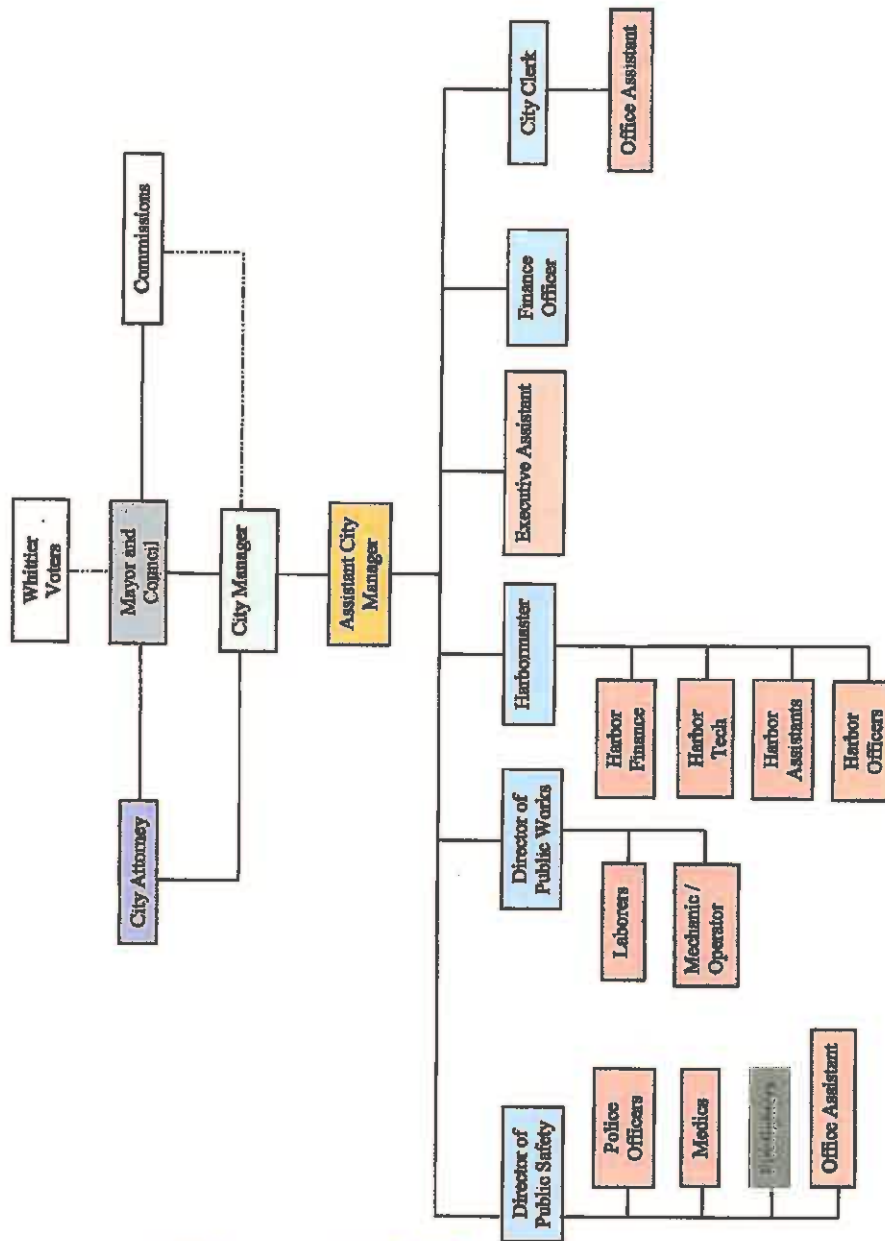
ATTEST:

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Naelene Matsumiya  
CITY CLERK

Ayes:  
Nays:  
Absent:  
Abstain:





# Index

Appointed Management	Contract Appointed
Department Head Management	Mayorial Appointments
Non Exempt / Hourly	Elected
Volunteer	Exempt Management

MARCH 23, 2018  
SCALE: 0.25" = 1"

To Annie Reese~

I am requesting that the permission and permit  
to place this monument in the Triangle be placed  
on the agenda for consideration at the next council meeting  
Thank you, Ted Spencer ~ PWS Museum

March 26, 2018



CAST BRONZE, 24" X 17", LEATHERETTE TEXTURE, SINGLE LINE BORDER, RANDOM ORBITAL FINISH, HIDDEN STUD MOUNT



APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

Alaska Municipal Bond Bank  
Application Credit Review Summary Page

Applicant:	City of Whittier ("Whittier")
Loan Amount:	Total Application - Not to exceed \$6,500,000 This loan – Approximately \$2,000,000
Project Type:	Small Boat Harbor improvements.
Project Description:	Whittier began significant renovation of the Small Boat Harbor in 2008 with removal of outdated launch ramps and construction of a new \$5,000,000 three lane launch ramp. In 2010 and 2011 sheet pile was installed over half the harbor front, which included new docks along the length of the new sheet pile and relocation of the Harbormaster building at a total cost of \$4,600,000. The Bond Bank loan will be used to replace the remaining floats and pilings.
Term of Loan:	20 years (through 2037) for this series
Revenues Pledged to Loan:	Cruise Vessel Passenger Taxes and Small Boat Harbor Enterprise Fund Net Revenues
Most Recent FY Pledged Revenues (2015 Audited Results):	\$881 thousand
Estimated Maximum Annual Debt Service (Total Project):	\$445 thousand
Total Bond Bank Fiscal Year 2018 Debt Service:	\$140 thousand
Most Recent FY Debt Service Coverage Ratio (Total Project):	1.92x
Most Recent FY State-Shared Revenues (SSR):	\$3.52 million
Debt Service Coverage of AMBB DS from SSR:	7.91x
Loan Subject to State Debt Service Reimbursement:	No
Estimated Borrower Savings for 2017 One Loan (Gross):	\$335 thousand
Estimated Borrower Savings for 2017 One Loan (Present Value):	\$217 thousand
No Litigation Letter Received:	Yes

# Loan Application Evaluation

## City of Whittier Small Boat Harbor Project

### Introduction

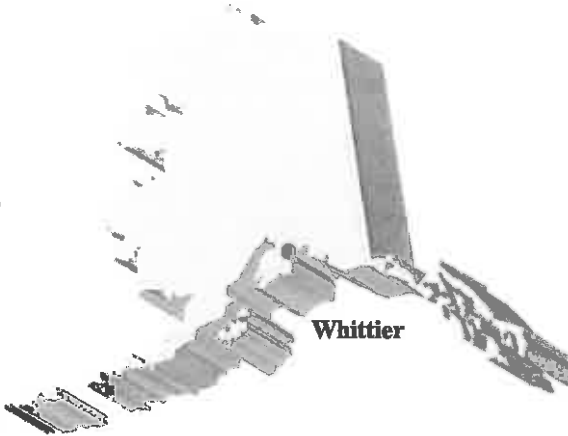
The City of Whittier ("Whittier") has submitted an application to the Alaska Municipal Bond Bank (the "Bond Bank") for two loans totaling approximately \$6,500,000. The loans will be used by Whittier to finance improvements to the City's small boat harbor facilities. Whittier expects to fund the project with two Bond Bank loans over the next year.

### The Projects

The City of Whittier began significant renovation of the Small Boat Harbor in 2008. In 2015 a \$4,000,000 project was completed to replace about a third of the floats in the small boat harbor. The City currently has \$500,000 of State grant funding towards the next portion of float replacement, and plans are in place to complete the Harbor floats and install new pilings by 2019.

In 2016 the Harbormaster building had its roof replaced and new metal siding installed. There was also a new Harbor generator installed. These two projects cost about \$250,000 and were paid fully by Harbor reserve funds. Since 2008 the City has placed nearly \$14,000,000 of new infrastructure in the Harbor.

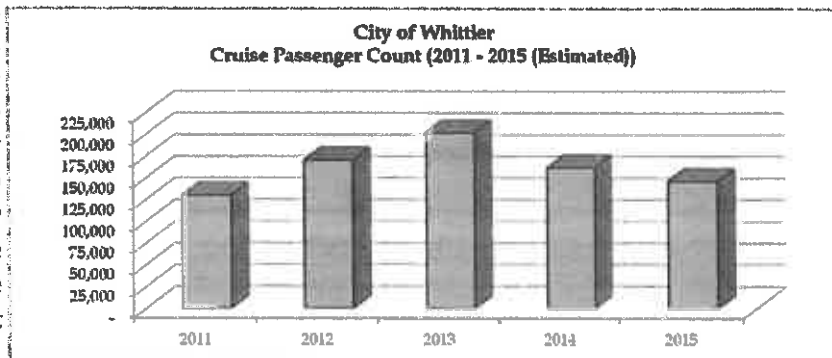
The remaining construction cost to finish the Harbor is estimated at \$7,605,000. The Bond Bank loans will provide \$6,500,000 of that total, with an initial loan of \$2,000,000. The City is currently completing loan applications for other low interest loans and will know if that loan application is successful by July 2017. If it is, Whittier will use those loan proceeds to complete the project. If not, Whittier will seek the remaining \$4,500,000 of bond funding in late 2017 from the Bond Bank.



### Whittier Cruise Ship Activity

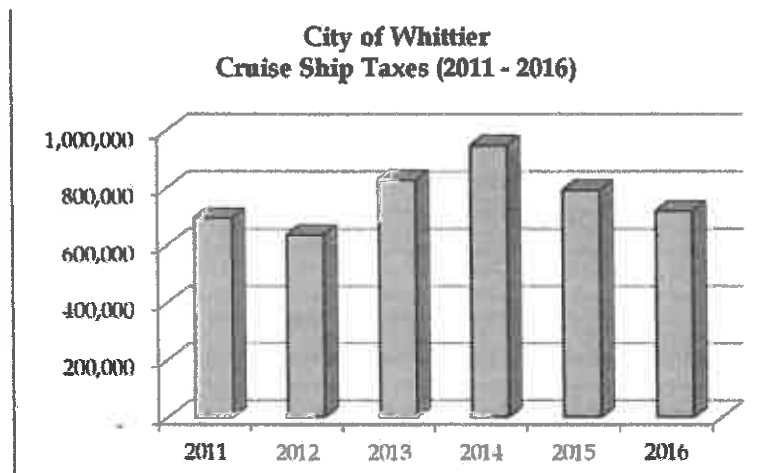
When the Anton Anderson Memorial Tunnel opened to public access in 2000, it became the first highway to connect Whittier to Anchorage and inner Alaska – previously, the only ways to reach the town had been rail, boat and plane.

After the tunnel expanded access to Whittier, it began to be visited by larger cruise lines. Whittier is the embarkation/debarkation point of one-way cruises from Anchorage to Vancouver by Princess Tours. The graph above presents estimates of cruise passenger that visited Whittier during the period from 2011 through 2015. As the graph suggests, passenger counts have ranged from approximately 130 thousand to over 200 thousand during that period.



The State of Alaska levies a Commercial Vessels Passenger ("CVP") tax on commercial vessels that provide overnight accommodations in the State's marine waters. For each voyage of a commercial passenger vessel providing overnight accommodations, the State determines the number of passengers on board the vessel at each port of call. Subject to appropriation by the legislature, the State distributes to each port of call \$5 per passenger of the tax revenue collected from the tax. The City reports that it generally receives the distribution of CVP in a lump sum from the State in January or February based on cruise activity from the prior year.

As the graph below demonstrates, the CVP revenues have followed the trend of cruise passengers, with distributions lagging cruise activity by one year.



### Security and Repayment

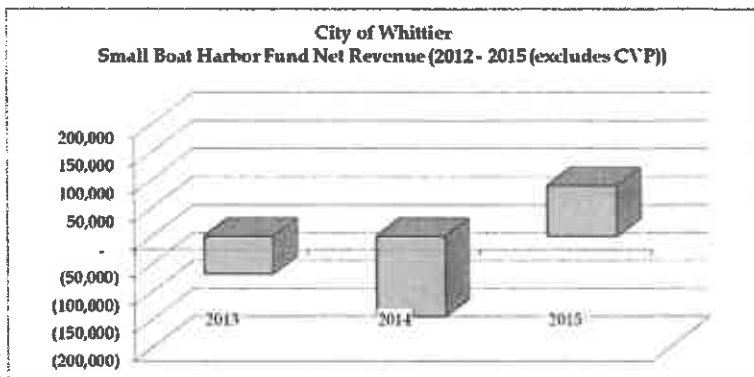
The bonds will be secured by net revenues of Whittier's small boat harbor operations, including the City's share of the CVP. In addition, Whittier will fund a debt service reserve fund to the maximum allowed under federal tax law to be held by the Bond Bank's trustee.

The additional bonds test in the Whittier revenue bond resolution requires that, before additional parity bonds may be issued, the City must demonstrate that the net revenues, including CVP transfers by the State to the Cruise Ship Tax Special Revenue Fund, are sufficient to cover existing and projected debt service by 1.25 times based on audited financial statements. Alternatively, Whittier may issue additional parity bonds based on the report of an expert consultant that takes into account: 1) any additional net revenues to be derived by expansions or improvements to the harbor; and 2) revenue to be derived from any additional fees and charges that have been established by the City. The issuance of additional bonds based on a forecast requires prior consent by the Bond Bank.

In addition to the additional bonds test, the resolution adopted by the City with respect to the Bond Bank loan requires the City to maintain rates, fees and charges at the small boat harbor sufficient to produce net revenue equal to at least 125% of the debt service on all outstanding bonds secured by the harbor system net revenues. If harbor net revenues fall below that ratio, the rate covenant requires the City to retain a consultant "to make recommendations as to operations and revision of schedules of rentals, tariffs, rates, fees and charges, and on the basis of such recommendations... the City will establish such... fees and charges...as are necessary to meet the rate covenant."

The Bond Bank's loan agreement will specify that the City needs to make debt service payments on a monthly basis. The amount of the monthly payments will equal one-twelfth of the next principal payment due and one-sixth of the next interest payment due.

The graph to the right presents net revenues of the Small Boat Harbor Fund for fiscal years 2013 through 2015. As the graph demonstrates, fiscal year 2015 results were significantly stronger than results for 2014. This is attributed to both growth in revenues (up by approximately \$88 thousand) and a decline in expenditures of approximately



\$178 thousand. Net revenues of approximately \$90 thousand, combined with the CVP of over \$790 thousand results in pledged revenues in fiscal year 2015 of approximately \$881 thousand. Debt service for the first portion of the loan request is approximately \$140 thousand, resulting in coverage on the \$2 million loan request of approximately 6.29 times. Debt service for the total \$6.5 million application amount is estimated at \$445 thousand, resulting in debt service coverage from fiscal year 2015 pledged revenues of slightly less than 2.0 times.

### Future Capital Plans

City staff report that Whittier has no plans for the issuance of additional bonds in the foreseeable future, other than the potential \$4.5 million of additional small boat harbor bonds contemplated in the City's application to the Bond Bank.

### State Aid Intercept

The Bond Bank has the authority to intercept State revenues that would otherwise flow to an underlying borrower in the event that a borrower failed to make timely payment on a Bond Bank loan. The State aid intercept is a significant, if unutilized, credit strength. The table below presents Whittier's revenues subject to intercept compared to fiscal year 2018 debt service on the proposed loans from the Bond Bank.

<b>Shared Taxes and Fees</b>	<b>\$809,009</b>
<b>Dept. of Transportation Reimbursement</b>	<b>\$0</b>
<b>Reimbursement and Other Education Funding</b>	<b>\$0</b>
<b>Education Support Funding</b>	<b>\$0</b>
<b>Matching Grants</b>	<b>\$2,596,445</b>
<b>Community Jails</b>	<b>\$0</b>
<b>PILT Transfers</b>	<b>\$46,181</b>
<b>Revenue Sharing</b>	<b>\$68,796</b>
<b>Total Revenue Subject to Intercept</b>	<b>\$3,520,431</b>
<b>Fiscal Year 2018 Debt Service (includes 2017 Loans DS)</b>	<b>\$445,000</b>
<b>Debt Service Coverage</b>	<b>7.91</b>



## Statement of No Litigation

The City's application was accompanied by a letter from Thomas Klinkner of the law firm of Birch Horton Bittner & Cherot which serves as the City's General Counsel. The letter states, in part, "no litigation is pending (or, to our knowledge, threatened) against the City in any court in any way affecting the corporate existence of the City... (or) seeking to restrain or enjoin the issuance, sale or delivery of the bonds... or in any way contesting or affecting the validity or enforceability of the bonds or the loan agreement between the City and the Alaska Municipal Bond Bank... or... involving any of the property or assets of or under the control of the City which, whether individually or in the aggregate involves the possibility of any judgment or uninsured liability which may result in any material adverse change in the revenues, properties, or assets, or in the condition, financial or otherwise, of the City."

## Summary

Based on our assessment the security offered by the City, as set forth in Whittier's loan application and supplemental materials, provides sufficient security to justify approval of the application. The Cruise Vessel Passenger Fee and net revenues of the Small Boat Harbor Fund are forecast to produce debt service coverage of approximately 2.00 times coverage of the full requested amount. Furthermore, the City will fund a debt service reserve fund with proceeds of the Bond Bank loan which will be held by the Bond Bank's trustee.

For these reasons, we recommend approval of this loan application. If you have any questions related to the preceding report, please do not hesitate to call me at (503) 719-6113.

For Western Financial Group, LLC

A handwritten signature in black ink, appearing to read "Chip Pierce", with a stylized flourish at the end.

Chip Pierce

## City of Whittier

Passage Canal was once the quickest route from Prince William Sound to Cook Inlet. Chugach Indians would portage to Turnagain Arm in search of fish. Nearby Whittier Glacier was named for the American poet John Greenleaf Whittier; the name was first published in 1915 by the U.S. Coast & Geodetic Survey. A port and a railroad terminus were constructed by the U.S. Army for transporting fuel and other supplies into Alaska during World War II. The railroad spur and two tunnels were completed in 1943, and the Whittier Port became the entrance for troops and dependents of the Alaska Command. The huge buildings that dominate Whittier began construction in 1948. The 14-story Hodge Building (now Begich Towers) was built with 198 apartments for army bachelor quarters and family housing. The Buckner Building, completed in 1953, had 1,000 apartments and was once the largest building in Alaska. It was called the "city under one roof," with a hospital, bowling alley, theater, gym, swimming pool, and shops for Army personnel. Whittier Manor was built in the early 1950s by private developers as rental units for civilian employees. The port remained an active army facility until 1960; at that time, the population was 1,200. Whittier Manor was converted to condominiums in 1964; Begich Towers now houses the majority of residents, as the Buckner Building is no longer occupied. The city was incorporated in 1969.

Residents enjoy sport-fishing, commercial fishing, and subsistence activities. Whittier has an ice-free port and three city docks (a 122' Ocean Dock serving freight and passengers, a 68' City dock for freight and a 60' floating passenger dock). A small boat harbor has slips for 360 fishing, recreation, and charter vessels. It is served by road, rail, the state ferry, boat, and aircraft. Since 2000, a tunnel has provided a road connection. The Anton Anderson Memorial Tunnel was reconstructed to accommodate both rail and road vehicles. The railway carries passengers, vehicles, and cargo 12 miles from the Portage Station east of Girdwood. The state-owned gravel airstrip accommodates charter aircraft, and a city-owned seaplane dock is available for passenger transfer.

As of 2015, there were 253 people living in the city, with 288 available housing units. Approximately two-thirds of the population lives within the 14-story Begich Towers and one-third in Whittier Manor. The racial makeup of the city was 78.38% White, 4.05% Asian, 4.96% Native American, 3.60% Hawaiian or Pacific Islander, 5.41% Hispanic, and 9.01% from two or more races. These numbers represent only census data, and an influx of tourists and visitors during summer months will likely represent further diversity and a much larger population.

There are 124 households in the town and the average household size is roughly 1.79 people, according to 2014 statistics. Of these households, 56 are family and 68 are non family. 40.30% of the population is married, and 32.34% are divorced. 51.78% of the population has children.

The age distribution within the city shows that 13.96 percent of the population is under the age of 18, 3.15 percent is between the ages of 18 and 24, 23.87 percent is between the ages of 25 to 44, 52.25 percent is between the ages of 45 and 64, and 6.76 percent of the population is above the age of 65.

The median income for a household in the city was \$46,250 in 2014. The per capita income for the city was \$31,624. Unemployment in Whittier was at a rate of 9.2 percent.



**Bond Bank**  
**Estimate 20 Year**  
**Bond Summary**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

Dated date	12/01/2018
Delivery date	12/01/2018
1st coupon date	06/01/2019
First principal payment	06/01/2019
Last maturity date	06/01/2038
Net Interest Cost (NIC)	3.2633714%
True Interest Cost (TIC)	3.2350893%
All-inclusive TIC:	3.2350893%
Arbitrage Net Interest Cost (ANIC)	3.2633714%
Arbitrage Yield Limit (AYL)	3.2350893%
Total Bond Years (delivery date)	47,480,000.000
Average Bond Years (Delivery date)	10.7909091
Total Bond Years (dated date)	47,480,000.000
Average Bond Years (dated date)	10.7909091
Average maturity (8038)	10.7909091
Par amount of bonds	\$4,400,000.00
Original Issue Premium	\$0.00
Bond proceeds	\$4,400,000.00
Total Interest	\$1,549,448.75
Total debt service	\$5,949,448.75
Gross Construction Costs	\$4,400,000.00
Total prior costs	\$0.00
Underwriter spread: 0.000/\$1,000	\$0.00
Level debt service calculation	\$297,527.17

**Bond Bank**  
**Estimate 20 Year**  
**Yearly Debt Service**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

<i>Fiscal Yr</i>	<i>Date</i>	<i>Principal</i>	<i>Rate</i>	<i>December Interest</i>	<i>June Interest</i>	<i>Yearly Debt Service</i>
2019	6/1/2019	235,000.00	1.700		64,743.75	299,743.75
2020	6/1/2020	170,000.00	1.890	62,746.25	62,746.25	295,492.50
2021	6/1/2021	175,000.00	2.050	61,139.75	61,139.75	297,279.50
2022	6/1/2022	180,000.00	2.160	59,346.00	59,346.00	298,692.00
2023	6/1/2023	185,000.00	2.290	57,402.00	57,402.00	299,804.00
2024	6/1/2024	185,000.00	2.460	55,283.75	55,283.75	295,567.50
2025	6/1/2025	190,000.00	2.610	53,008.25	53,008.25	296,016.50
2026	6/1/2026	195,000.00	2.740	50,528.75	50,528.75	296,057.50
2027	6/1/2027	200,000.00	2.830	47,857.25	47,857.25	295,714.50
2028	6/1/2028	210,000.00	2.910	45,027.25	45,027.25	300,054.50
2029	6/1/2029	215,000.00	2.990	41,971.75	41,971.75	298,943.50
2030	6/1/2030	220,000.00	3.080	38,757.50	38,757.50	297,515.00
2031	6/1/2031	225,000.00	3.180	35,369.50	35,369.50	295,739.00
2032	6/1/2032	235,000.00	3.270	31,792.00	31,792.00	298,584.00
2033	6/1/2033	240,000.00	3.360	27,949.75	27,949.75	295,899.50
2034	6/1/2034	250,000.00	3.450	23,917.75	23,917.75	297,835.50
2035	6/1/2035	260,000.00	3.520	19,605.25	19,605.25	299,210.50
2036	6/1/2036	265,000.00	3.570	15,029.25	15,029.25	295,058.50
2037	6/1/2037	275,000.00	3.620	10,299.00	10,299.00	295,598.00
2038	6/1/2038	290,000.00	3.670	5,321.50	5,321.50	300,643.00
		<b>4,400,000.00</b>		<b>742,352.50</b>	<b>807,096.25</b>	<b>5,949,448.75</b>
<i>True Interest Cost (TIC) .....</i>		<b>3.2350893</b>	<i>Arbitrage Yield Limit (AYL) .....</i>		<b>3.2350893</b>	
<i>Net Interest Cost (NIC) .....</i>		<b>3.2633714</b>	<i>Arbitrage Net Interest Cost (ANIC) .....</i>		<b>3.2633714</b>	

**Bond Bank**  
**Estimate 20 Year**  
**Sizing Debt Service Schedule**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

<i>Fiscal Yr</i>	<i>Coupon Date</i>	<i>Zer Cpn</i>	<i>Cpn Rate</i>	<i>Maturing Principal</i>	<i>Periodic Interest</i>	<i>Gross Semi-Annl Dbt Sw</i>	<i>Cap Int</i>	<i>Dbt Svc Rcv Int &amp; Prin</i>	<i>Constr. Fund Interest</i>	<i>Net Semi-Annl Dbt Sw</i>	<i>Net Fiscal Dbt Sw</i>
19	6/1/2019	N	1.700	235,000.00	64,743.75	299,743.75				299,743.75	299,743.75
20	12/1/2019				62,746.25	62,746.25				62,746.25	
20	6/1/2020	N	1.890	170,000.00	62,746.25	232,746.25				232,746.25	295,492.50
21	12/1/2020				61,139.75	61,139.75				61,139.75	
21	6/1/2021	N	2.050	175,000.00	61,139.75	236,139.75				236,139.75	297,279.50
22	12/1/2021				59,346.00	59,346.00				59,346.00	
22	6/1/2022	N	2.160	180,000.00	59,346.00	239,346.00				239,346.00	298,692.00
23	12/1/2022				57,402.00	57,402.00				57,402.00	
23	6/1/2023	N	2.290	185,000.00	57,402.00	242,402.00				242,402.00	299,804.00
24	12/1/2023				55,283.75	55,283.75				55,283.75	
24	6/1/2024	N	2.460	185,000.00	55,283.75	240,283.75				240,283.75	295,567.50
25	12/1/2024				53,008.25	53,008.25				53,008.25	
25	6/1/2025	N	2.610	190,000.00	53,008.25	243,008.25				243,008.25	296,016.50
26	12/1/2025				50,528.75	50,528.75				50,528.75	
26	6/1/2026	N	2.740	195,000.00	50,528.75	245,528.75				245,528.75	296,057.50
27	12/1/2026				47,857.25	47,857.25				47,857.25	
27	6/1/2027	N	2.830	200,000.00	47,857.25	247,857.25				247,857.25	295,714.50
28	12/1/2027				45,027.25	45,027.25				45,027.25	
28	6/1/2028	N	2.910	210,000.00	45,027.25	255,027.25				255,027.25	300,054.50
29	12/1/2028				41,971.75	41,971.75				41,971.75	
29	6/1/2029	N	2.990	215,000.00	41,971.75	256,971.75				256,971.75	298,943.50
30	12/1/2029				38,757.50	38,757.50				38,757.50	
30	6/1/2030	N	3.080	220,000.00	38,757.50	258,757.50				258,757.50	297,515.00
31	12/1/2030				35,369.50	35,369.50				35,369.50	
31	6/1/2031	N	3.180	225,000.00	35,369.50	260,369.50				260,369.50	295,739.00
32	12/1/2031				31,792.00	31,792.00				31,792.00	
32	6/1/2032	N	3.270	235,000.00	31,792.00	266,792.00				266,792.00	298,584.00
33	12/1/2032				27,949.75	27,949.75				27,949.75	
33	6/1/2033	N	3.360	240,000.00	27,949.75	267,949.75				267,949.75	295,899.50
34	12/1/2033				23,917.75	23,917.75				23,917.75	
34	6/1/2034	N	3.450	250,000.00	23,917.75	273,917.75				273,917.75	297,835.50
35	12/1/2034				19,605.25	19,605.25				19,605.25	
35	6/1/2035	N	3.520	260,000.00	19,605.25	279,605.25				279,605.25	299,210.50
36	12/1/2035				15,029.25	15,029.25				15,029.25	
36	6/1/2036	N	3.570	265,000.00	15,029.25	280,029.25				280,029.25	295,058.50
37	12/1/2036				10,299.00	10,299.00				10,299.00	
37	6/1/2037	N	3.620	275,000.00	10,299.00	285,299.00				285,299.00	295,598.00
38	12/1/2037				5,321.50	5,321.50				5,321.50	
38	6/1/2038	N	3.670	290,000.00	5,321.50	295,321.50				295,321.50	300,643.00
				4,400,000.00	1,549,448.75	5,949,448.75	0.00	0.00	0.00	5,949,448.75	

<i>True Interest Cost (TIC)</i> .....	<b>3.2350893</b>	<i>Arbitrage Yield Limit (AYL)</i> .....	<b>3.2350893</b>
<i>Net Interest Cost (NIC)</i> .....	<b>3.2633714</b>	<i>Arbitrage Net Interest Cost (ANIC)</i> .....	<b>3.2633714</b>

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Page: 1

**Bond Bank**  
**Estimate 20 year PLUS 50 bps**  
**Bond Summary**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

Dated date	12/01/2018
Delivery date	12/01/2018
1st coupon date	06/01/2019
First principal payment	06/01/2019
Last maturity date	06/01/2038
Net Interest Cost (NIC)	3.7709656%
True Interest Cost (TIC)	3.7391522%
All-Inclusive TIC:	3.7391522%
Total Bond Years (dated date)	48,025,000.000
Average Bond Years (dated date)	10.9147727
Average maturity (8038)	10.9147727
Par amount of bonds	\$4,400,000.00
Original Issue Premium	\$0.00
Bond proceeds	\$4,400,000.00
Total interest	\$1,811,006.25
Total debt service	\$6,211,006.25
Arbitrage Net Interest Cost (ANIC)	3.7709656%
Arbitrage Yield Limit (AYL)	3.7391522%
Total Bond Years (delivery date)	48,025,000.000
Average Bond Years (Delivery date)	10.9147727
Gross Construction Costs	\$4,400,000.00
Total prior costs	\$0.00
Underwriter spread: 0.000/\$1,000	\$0.00
Level debt service calculation	\$310,713.57

Bond Bank  
Estimate 20 year PLUS 50 bps  
Yearly Debt Service  
\$ 4,400,000.00

Dated: 12/01/2018  
Delivered: 12/01/2018

<i>Fiscal Yr</i>	<i>Date</i>	<i>Principal</i>	<i>Rate</i>	<i>December Interest</i>	<i>June Interest</i>	<i>Yearly Debt Service</i>
2019	6/1/2019	235,000.00	2.200		76,012.25	311,012.25
2020	6/1/2020	165,000.00	2.390	73,427.25	73,427.25	311,854.50
2021	6/1/2021	170,000.00	2.550	71,455.50	71,455.50	312,911.00
2022	6/1/2022	170,000.00	2.660	69,288.00	69,288.00	308,576.00
2023	6/1/2023	175,000.00	2.790	67,027.00	67,027.00	309,054.00
2024	6/1/2024	180,000.00	2.960	64,585.75	64,585.75	309,171.50
2025	6/1/2025	185,000.00	3.110	61,921.75	61,921.75	308,843.50
2026	6/1/2026	195,000.00	3.240	59,045.00	59,045.00	313,090.00
2027	6/1/2027	200,000.00	3.330	55,886.00	55,886.00	311,772.00
2028	6/1/2028	205,000.00	3.410	52,556.00	52,556.00	310,112.00
2029	6/1/2029	215,000.00	3.490	49,060.75	49,060.75	313,121.50
2030	6/1/2030	220,000.00	3.580	45,309.00	45,309.00	310,618.00
2031	6/1/2031	230,000.00	3.680	41,371.00	41,371.00	312,742.00
2032	6/1/2032	235,000.00	3.770	37,139.00	37,139.00	309,278.00
2033	6/1/2033	245,000.00	3.860	32,709.25	32,709.25	310,418.50
2034	6/1/2034	255,000.00	3.950	27,980.75	27,980.75	310,961.50
2035	6/1/2035	265,000.00	4.020	22,944.50	22,944.50	310,889.00
2036	6/1/2036	275,000.00	4.070	17,618.00	17,618.00	310,236.00
2037	6/1/2037	285,000.00	4.120	12,021.75	12,021.75	309,043.50
2038	6/1/2038	295,000.00	4.170	6,150.75	6,150.75	307,301.50
		<b>4,400,000.00</b>		<b>867,497.00</b>	<b>943,509.25</b>	<b>6,211,006.25</b>

<i>True Interest Cost (TIC)</i> .....	<b>3.7391522</b>	<i>Arbitrage Yield Limit (AYL)</i> .....	<b>3.7391522</b>
<i>Net Interest Cost (NIC)</i> .....	<b>3.7709858</b>	<i>Arbitrage Net Interest Cost (ANIC)</i> .....	<b>3.7709858</b>

# Bond Bank

Estimate 20 year PLUS 50 bps

Sizing Debt Service Schedule

\$ 4,400,000.00

Dated: 12/01/2018  
Delivered: 12/01/2018

Fiscal Yr	Coupon Date	Zer Cpn	Cpn Rate	Maturing Principal	Periodic Interest	Gross Semi-Annul Dbt Svc	Cap Int	Dbt Svc Rsv Int & Prin	Constr. Fund Interest	Net Semi-Annul Dbt Svc	Net Fiscal Dbt Svc
19	6/1/2019	N	2.200	235,000.00	76,012.25	311,012.25				311,012.25	311,012.25
20	12/1/2019				73,427.25	73,427.25				73,427.25	
20	6/1/2020	N	2.390	165,000.00	73,427.25	238,427.25				238,427.25	311,854.50
21	12/1/2020				71,455.50	71,455.50				71,455.50	
21	6/1/2021	N	2.550	170,000.00	71,455.50	241,455.50				241,455.50	312,911.00
22	12/1/2021				69,288.00	69,288.00				69,288.00	
22	6/1/2022	N	2.660	170,000.00	69,288.00	239,288.00				239,288.00	308,576.00
23	12/1/2022				67,027.00	67,027.00				67,027.00	
23	6/1/2023	N	2.790	175,000.00	67,027.00	242,027.00				242,027.00	309,054.00
24	12/1/2023				64,585.75	64,585.75				64,585.75	
24	6/1/2024	N	2.960	180,000.00	64,585.75	244,585.75				244,585.75	309,171.50
25	12/1/2024				61,921.75	61,921.75				61,921.75	
25	6/1/2025	N	3.110	185,000.00	61,921.75	246,921.75				246,921.75	308,843.50
26	12/1/2025				59,045.00	59,045.00				59,045.00	
26	6/1/2026	N	3.240	185,000.00	59,045.00	254,045.00				254,045.00	313,090.00
27	12/1/2026				55,888.00	55,888.00				55,888.00	
27	6/1/2027	N	3.330	200,000.00	55,888.00	255,888.00				255,888.00	311,772.00
28	12/1/2027				52,556.00	52,556.00				52,556.00	
28	6/1/2028	N	3.410	205,000.00	52,556.00	257,556.00				257,556.00	310,112.00
29	12/1/2028				49,060.75	49,060.75				49,060.75	
29	6/1/2029	N	3.490	215,000.00	49,060.75	264,060.75				264,060.75	313,121.50
30	12/1/2029				45,309.00	45,309.00				45,309.00	
30	6/1/2030	N	3.580	220,000.00	45,309.00	265,309.00				265,309.00	310,618.00
31	12/1/2030				41,371.00	41,371.00				41,371.00	
31	6/1/2031	N	3.680	230,000.00	41,371.00	271,371.00				271,371.00	312,742.00
32	12/1/2031				37,139.00	37,139.00				37,139.00	
32	6/1/2032	N	3.770	235,000.00	37,139.00	272,139.00				272,139.00	309,278.00
33	12/1/2032				32,709.25	32,709.25				32,709.25	
33	6/1/2033	N	3.880	245,000.00	32,709.25	277,709.25				277,709.25	310,418.50
34	12/1/2033				27,980.75	27,980.75				27,980.75	
34	6/1/2034	N	3.950	255,000.00	27,980.75	282,980.75				282,980.75	310,961.50
35	12/1/2034				22,944.50	22,944.50				22,944.50	
35	6/1/2035	N	4.020	265,000.00	22,944.50	287,944.50				287,944.50	310,889.00
36	12/1/2035				17,618.00	17,618.00				17,618.00	
36	6/1/2036	N	4.070	275,000.00	17,618.00	292,618.00				292,618.00	310,236.00
37	12/1/2036				12,021.75	12,021.75				12,021.75	
37	6/1/2037	N	4.120	285,000.00	12,021.75	297,021.75				297,021.75	309,043.50
38	12/1/2037				6,150.75	6,150.75				6,150.75	
38	6/1/2038	N	4.170	295,000.00	6,150.75	301,150.75				301,150.75	307,301.50
				4,400,000.00	1,811,006.25	6,211,006.25	0.00	0.00	0.00	6,211,006.25	

True Interest Cost (TIC) .....	3.7391522	Arbitrage Yield Limit (AYL) .....	3.7391522
Net Interest Cost (NIC) .....	3.7709656	Arbitrage Net Interest Cost (ANIC) .....	3.7709656

BONDBANK-2018-K | FY: 7 | Mun-EaseElevateMainDb | 15.75 EDB | 06/14/2018 | 11:42 | Rpt14

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Page 1

**Bond Bank**  
**Estimate 25 year**  
**Bond Summary**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

Dated date	12/01/2018
Delivery date	12/01/2018
1st coupon date	06/01/2019
First principal payment	06/01/2019
Last maturity date	06/01/2043
Net Interest Cost (NIC)	3.4906244%
True Interest Cost (TIC)	3.4545891%
All-Inclusive TIC:	3.4545891%
Arbitrage Net Interest Cost (ANIC)	3.4906244%
Arbitrage Yield Limit (AYL)	3.4545891%
Total Bond Years (delivery date)	61,100,000.000
Average Bond Years (Delivery date)	13.8863636
Total Bond Years (dated date)	61,100,000.000
Average Bond Years (dated date)	13.8863636
Average maturity (8038)	13.8863636
Par amount of bonds	\$4,400,000.00
Original Issue Premium	\$0.00
Bond proceeds	\$4,400,000.00
Total interest	\$2,132,771.50
Total debt service	\$6,532,771.50
Gross Construction Costs	\$4,400,000.00
Total prior costs	\$0.00
Underwriter spread: 0.000/\$1,000	\$0.00
Level debt service calculation	\$261,238.82

Bond Bank  
Estimate 25 year  
Yearly Debt Service  
\$ 4,400,000.00

Dated: 12/01/2018  
Delivered: 12/01/2018

<i>Fiscal Yr</i>	<i>Date</i>	<i>Principal</i>	<i>Rate</i>	<i>December Interest</i>	<i>June Interest</i>	<i>Yearly Debt Service</i>
2019	6/1/2019	190,000.00	1.700		69,550.00	259,550.00
2020	6/1/2020	125,000.00	1.890	67,935.00	67,935.00	260,870.00
2021	6/1/2021	130,000.00	2.050	66,753.75	66,753.75	263,507.50
2022	6/1/2022	130,000.00	2.160	65,421.25	65,421.25	260,842.50
2023	6/1/2023	135,000.00	2.290	64,017.25	64,017.25	263,034.50
2024	6/1/2024	135,000.00	2.460	62,471.50	62,471.50	259,943.00
2025	6/1/2025	140,000.00	2.610	60,811.00	60,811.00	261,622.00
2026	6/1/2026	145,000.00	2.740	58,984.00	58,984.00	262,968.00
2027	6/1/2027	145,000.00	2.830	56,997.50	56,997.50	258,995.00
2028	6/1/2028	150,000.00	2.910	54,945.75	54,945.75	259,891.50
2029	6/1/2029	155,000.00	2.990	52,763.25	52,763.25	260,526.50
2030	6/1/2030	160,000.00	3.080	50,446.00	50,446.00	260,892.00
2031	6/1/2031	165,000.00	3.180	47,982.00	47,982.00	260,964.00
2032	6/1/2032	170,000.00	3.270	45,358.50	45,358.50	260,717.00
2033	6/1/2033	175,000.00	3.360	42,579.00	42,579.00	260,158.00
2034	6/1/2034	180,000.00	3.450	39,639.00	39,639.00	259,278.00
2035	6/1/2035	190,000.00	3.520	36,534.00	36,534.00	263,068.00
2036	6/1/2036	195,000.00	3.570	33,190.00	33,190.00	261,380.00
2037	6/1/2037	200,000.00	3.620	29,709.25	29,709.25	259,418.50
2038	6/1/2038	210,000.00	3.670	26,089.25	26,089.25	262,178.50
2039	6/1/2039	215,000.00	3.710	22,235.75	22,235.75	259,471.50
2040	6/1/2040	225,000.00	3.750	18,247.50	18,247.50	261,495.00
2041	6/1/2041	235,000.00	3.790	14,028.75	14,028.75	263,057.50
2042	6/1/2042	245,000.00	3.820	9,575.50	9,575.50	264,151.00
2043	6/1/2043	255,000.00	3.840	4,896.00	4,896.00	264,792.00
		<b>4,400,000.00</b>		<b>1,031,610.75</b>	<b>1,101,160.75</b>	<b>6,532,771.50</b>
<i>True Interest Cost (TIC)</i> .....		<b>3.4545891</b>		<i>Arbitrage Yield Limit (AYL)</i> .....		<b>3.4545891</b>
<i>Net Interest Cost (NIC)</i> .....		<b>3.4908244</b>		<i>Arbitrage Net Interest Cost (ANIC)</i> .....		<b>3.4908244</b>



**Bond Bank**  
**Estimate 25 year**  
**Sizing Debt Service Schedule**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

<i>Fiscal Yr</i>	<i>Compon Date</i>	<i>Zer Cpn</i>	<i>Cpn Rate</i>	<i>Maturing Principal</i>	<i>Periodic Interest</i>	<i>Gross Semi-Annl Dbt Svc</i>	<i>Cap Int</i>	<i>Dbt Svc Rvw Int &amp; Prin</i>	<i>Constr. Fund Interest</i>	<i>Net Semi-Annl Dbt Svc</i>	<i>Net Fiscal Dbt Svc</i>
19	6/1/2019	N	1.700	190,000.00	69,550.00	259,550.00				259,550.00	259,550.00
20	12/1/2019				67,935.00	67,935.00				67,935.00	
20	6/1/2020	N	1.890	125,000.00	67,935.00	192,935.00				192,935.00	260,870.00
21	12/1/2020				66,753.75	66,753.75				66,753.75	
21	6/1/2021	N	2.050	130,000.00	66,753.75	196,753.75				196,753.75	263,507.50
22	12/1/2021				65,421.25	65,421.25				65,421.25	
22	6/1/2022	N	2.160	130,000.00	65,421.25	195,421.25				195,421.25	260,842.50
23	12/1/2022				64,017.25	64,017.25				64,017.25	
23	6/1/2023	N	2.290	135,000.00	64,017.25	199,017.25				199,017.25	263,034.50
24	12/1/2023				62,471.50	62,471.50				62,471.50	
24	6/1/2024	N	2.460	135,000.00	62,471.50	197,471.50				197,471.50	259,943.00
25	12/1/2024				60,811.00	60,811.00				60,811.00	
25	6/1/2025	N	2.610	140,000.00	60,811.00	200,811.00				200,811.00	261,622.00
26	12/1/2025				58,984.00	58,984.00				58,984.00	
26	6/1/2026	N	2.740	145,000.00	58,984.00	203,984.00				203,984.00	262,968.00
27	12/1/2026				56,997.50	56,997.50				56,997.50	
27	6/1/2027	N	2.830	145,000.00	56,997.50	201,997.50				201,997.50	258,995.00
28	12/1/2027				54,945.75	54,945.75				54,945.75	
28	6/1/2028	N	2.910	150,000.00	54,945.75	204,945.75				204,945.75	259,891.50
29	12/1/2028				52,763.25	52,763.25				52,763.25	
29	6/1/2029	N	2.990	155,000.00	52,763.25	207,763.25				207,763.25	260,526.50
30	12/1/2029				50,446.00	50,446.00				50,446.00	
30	6/1/2030	N	3.080	160,000.00	50,446.00	210,446.00				210,446.00	260,892.00
31	12/1/2030				47,982.00	47,982.00				47,982.00	
31	6/1/2031	N	3.180	165,000.00	47,982.00	212,982.00				212,982.00	260,964.00
32	12/1/2031				45,358.50	45,358.50				45,358.50	
32	6/1/2032	N	3.270	170,000.00	45,358.50	215,358.50				215,358.50	260,717.00
33	12/1/2032				42,579.00	42,579.00				42,579.00	
33	6/1/2033	N	3.360	175,000.00	42,579.00	217,579.00				217,579.00	260,158.00
34	12/1/2033				39,639.00	39,639.00				39,639.00	
34	6/1/2034	N	3.450	180,000.00	39,639.00	219,639.00				219,639.00	259,278.00
35	12/1/2034				36,534.00	36,534.00				36,534.00	
35	6/1/2035	N	3.520	190,000.00	36,534.00	226,534.00				226,534.00	263,069.00
36	12/1/2035				33,190.00	33,190.00				33,190.00	
36	6/1/2036	N	3.570	195,000.00	33,190.00	228,190.00				228,190.00	261,380.00
37	12/1/2036				29,709.25	29,709.25				29,709.25	
37	6/1/2037	N	3.620	200,000.00	29,709.25	229,709.25				229,709.25	259,418.50
38	12/1/2037				26,089.25	26,089.25				26,089.25	
38	6/1/2038	N	3.670	210,000.00	26,089.25	236,089.25				236,089.25	262,178.50
39	12/1/2038				22,235.75	22,235.75				22,235.75	
39	6/1/2039	N	3.710	215,000.00	22,235.75	237,235.75				237,235.75	259,471.50
40	12/1/2039				18,247.50	18,247.50				18,247.50	
40	6/1/2040	N	3.750	225,000.00	18,247.50	243,247.50				243,247.50	261,495.00
41	12/1/2040				14,028.75	14,028.75				14,028.75	
41	6/1/2041	N	3.790	235,000.00	14,028.75	249,028.75				249,028.75	263,057.50
42	12/1/2041				9,575.50	9,575.50				9,575.50	
42	6/1/2042	N	3.820	245,000.00	9,575.50	254,575.50				254,575.50	264,151.00
43	12/1/2042				4,896.00	4,896.00				4,896.00	
43	6/1/2043	N	3.840	255,000.00	4,896.00	259,896.00				259,896.00	264,792.00

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Page 1

**Bond Bank**  
**Estimate 25 year**  
**Sizing Debt Service Schedule**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

<i>Fiscal</i> <i>Yr</i>	<i>Coupon</i> <i>Date</i>	<i>Zer</i> <i>Cpn</i>	<i>Cpn</i> <i>Rate</i>	<i>Maturing</i> <i>Principal</i>	<i>Periodic</i> <i>Interest</i>	<i>Gross Semi-</i> <i>Annul Dbt Svc</i>	<i>Cap</i> <i>Int</i>	<i>Dbt Svc Rsv</i> <i>Int &amp; Prin</i>	<i>Constr. Fund</i> <i>Interest</i>	<i>Net Semi-</i> <i>Annul Dbt Svc</i>	<i>Net Fiscal</i> <i>Dbt Svc</i>
				4,400,000.00	2,132,771.50	6,532,771.50	0.00	0.00	0.00	6,532,771.50	
<i>True Interest Cost (TIC) .....</i>						3.4545891	<i>Arbitrage Yield Limit (AYL) .....</i>				3.4545891
<i>Net Interest Cost (NIC) .....</i>						3.4906244	<i>Arbitrage Net Interest Cost (ANIC) .....</i>				3.4906244

**Bond Bank**  
**Estimate 25 year PLUS 50 bps**  
**Bond Summary**  
**\$ 4,400,000.00**

*Dated:* 12/01/2018  
*Delivered:* 12/01/2018

Dated date	12/01/2018
Delivery date	12/01/2018
1st coupon date	06/01/2019
First principal payment	06/01/2019
Last maturity date	06/01/2043
Net Interest Cost (NIC)	3.9968982%
True Interest Cost (TIC)	3.9569325%
All-Inclusive TIC:	3.9569325%
Arbitrage Net Interest Cost (ANIC)	3.9968982%
Arbitrage Yield Limit (AYL)	3.9569325%
Total Bond Years (delivery date)	61,730,000.000
Average Bond Years (Delivery date)	14.0295455
Total Bond Years (dated date)	61,730,000.000
Average Bond Years (dated date)	14.0295455
Average maturity (803B)	14.0295455
Par amount of bonds	\$4,400,000.00
Original Issue Premium	\$0.00
Bond proceeds	\$4,400,000.00
Total interest	\$2,467,285.25
Total debt service	\$6,867,285.25
Gross Construction Costs	\$4,400,000.00
Total prior costs	\$0.00
Underwriter spread: 0.000/\$1,000	\$0.00
Level debt service calculation	\$275,187.18

# Bond Bank

Estimate 25 year PLUS 50 bps

Yearly Debt Service

\$ 4,400,000.00

Dated: 12/01/2018

Delivered: 12/01/2018

<i>Fiscal Yr</i>	<i>Date</i>	<i>Principal</i>	<i>Rate</i>	<i>December Interest</i>	<i>June Interest</i>	<i>Yearly Debt Service</i>
2019	6/1/2019	195,000.00	2.200		80,817.75	275,817.75
2020	6/1/2020	120,000.00	2.390	78,672.75	78,672.75	277,345.50
2021	6/1/2021	120,000.00	2.550	77,238.75	77,238.75	274,477.50
2022	6/1/2022	125,000.00	2.660	75,708.75	75,708.75	276,417.50
2023	6/1/2023	125,000.00	2.790	74,046.25	74,046.25	273,092.50
2024	6/1/2024	130,000.00	2.960	72,302.50	72,302.50	274,605.00
2025	6/1/2025	135,000.00	3.110	70,378.50	70,378.50	275,757.00
2026	6/1/2026	140,000.00	3.240	68,279.25	68,279.25	276,558.50
2027	6/1/2027	145,000.00	3.330	66,011.25	66,011.25	277,022.50
2028	6/1/2028	150,000.00	3.410	63,597.00	63,597.00	277,194.00
2029	6/1/2029	155,000.00	3.490	61,039.50	61,039.50	277,079.00
2030	6/1/2030	160,000.00	3.580	58,334.75	58,334.75	276,669.50
2031	6/1/2031	165,000.00	3.680	55,470.75	55,470.75	275,941.50
2032	6/1/2032	170,000.00	3.770	52,434.75	52,434.75	274,869.50
2033	6/1/2033	175,000.00	3.860	49,230.25	49,230.25	273,460.50
2034	6/1/2034	185,000.00	3.950	45,852.75	45,852.75	276,705.50
2035	6/1/2035	190,000.00	4.020	42,199.00	42,199.00	274,398.00
2036	6/1/2036	200,000.00	4.070	38,380.00	38,380.00	276,760.00
2037	6/1/2037	205,000.00	4.120	34,310.00	34,310.00	273,620.00
2038	6/1/2038	210,000.00	4.170	30,087.00	30,087.00	270,174.00
2039	6/1/2039	220,000.00	4.210	25,708.50	25,708.50	271,417.00
2040	6/1/2040	230,000.00	4.250	21,077.50	21,077.50	272,155.00
2041	6/1/2041	240,000.00	4.290	16,190.00	16,190.00	272,380.00
2042	6/1/2042	250,000.00	4.320	11,042.00	11,042.00	272,084.00
2043	6/1/2043	260,000.00	4.340	5,642.00	5,642.00	271,284.00
		<b>4,400,000.00</b>		<b>1,193,233.75</b>	<b>1,274,051.50</b>	<b>6,867,285.25</b>
<i>True Interest Cost (TIC)</i> .....		<b>3.9569325</b>		<i>Arbitrage Yield Limit (AYL)</i> .....		<b>3.9569325</b>
<i>Net Interest Cost (NIC)</i> .....		<b>3.9968982</b>		<i>Arbitrage Net Interest Cost (ANIC)</i> .....		<b>3.9968982</b>

# Bond Bank

Estimate 25 year PLUS 50 bps

Sizing Debt Service Schedule

\$ 4,400,000.00

Dated: 12/01/2018  
Delivered: 12/01/2018

Fiscal Yr	Coupon Date	Zer Cpn	Cpn Rate	Maturing Principal	Periodic Interest	Gross Semi-Annl Dbt Svc	Cap Int	Dbt Svc Rsn Int & Prin	Constr. Fund Interest	Net Semi-Annl Dbt Svc	Net Fiscal Dbt Svc
19	6/1/2019	N	2.200	195,000.00	80,817.75	275,817.75				275,817.75	275,817.75
20	12/1/2019				78,672.75	78,672.75				78,672.75	
20	6/1/2020	N	2.390	120,000.00	78,672.75	198,672.75				198,672.75	277,345.50
21	12/1/2020				77,238.75	77,238.75				77,238.75	
21	6/1/2021	N	2.550	120,000.00	77,238.75	197,238.75				197,238.75	274,477.50
22	12/1/2021				75,708.75	75,708.75				75,708.75	
22	6/1/2022	N	2.860	125,000.00	75,708.75	200,708.75				200,708.75	276,417.50
23	12/1/2022				74,046.25	74,046.25				74,046.25	
23	6/1/2023	N	2.790	125,000.00	74,046.25	199,046.25				199,046.25	273,092.50
24	12/1/2023				72,302.50	72,302.50				72,302.50	
24	6/1/2024	N	2.960	130,000.00	72,302.50	202,302.50				202,302.50	274,605.00
25	12/1/2024				70,378.50	70,378.50				70,378.50	
25	6/1/2025	N	3.110	135,000.00	70,378.50	205,378.50				205,378.50	275,757.00
26	12/1/2025				68,279.25	68,279.25				68,279.25	
26	6/1/2026	N	3.240	140,000.00	68,279.25	208,279.25				208,279.25	276,558.50
27	12/1/2026				66,011.25	66,011.25				66,011.25	
27	6/1/2027	N	3.330	145,000.00	66,011.25	211,011.25				211,011.25	277,022.50
28	12/1/2027				63,597.00	63,597.00				63,597.00	
28	6/1/2028	N	3.410	150,000.00	63,597.00	213,597.00				213,597.00	277,194.00
29	12/1/2028				61,039.50	61,039.50				61,039.50	
29	6/1/2029	N	3.490	155,000.00	61,039.50	216,039.50				216,039.50	277,079.00
30	12/1/2029				58,334.75	58,334.75				58,334.75	
30	6/1/2030	N	3.580	160,000.00	58,334.75	218,334.75				218,334.75	276,669.50
31	12/1/2030				55,470.75	55,470.75				55,470.75	
31	6/1/2031	N	3.680	165,000.00	55,470.75	220,470.75				220,470.75	275,941.50
32	12/1/2031				52,434.75	52,434.75				52,434.75	
32	6/1/2032	N	3.770	170,000.00	52,434.75	222,434.75				222,434.75	274,869.50
33	12/1/2032				49,230.25	49,230.25				49,230.25	
33	6/1/2033	N	3.860	175,000.00	49,230.25	224,230.25				224,230.25	273,480.50
34	12/1/2033				45,852.75	45,852.75				45,852.75	
34	6/1/2034	N	3.950	185,000.00	45,852.75	230,852.75				230,852.75	276,705.50
35	12/1/2034				42,199.00	42,199.00				42,199.00	
35	6/1/2035	N	4.020	190,000.00	42,199.00	232,199.00				232,199.00	274,398.00
36	12/1/2035				38,380.00	38,380.00				38,380.00	
36	6/1/2036	N	4.070	200,000.00	38,380.00	238,380.00				238,380.00	276,780.00
37	12/1/2036				34,310.00	34,310.00				34,310.00	
37	6/1/2037	N	4.120	205,000.00	34,310.00	239,310.00				239,310.00	273,620.00
38	12/1/2037				30,087.00	30,087.00				30,087.00	
38	6/1/2038	N	4.170	210,000.00	30,087.00	240,087.00				240,087.00	270,174.00
39	12/1/2038				25,708.50	25,708.50				25,708.50	
39	6/1/2039	N	4.210	220,000.00	25,708.50	245,708.50				245,708.50	271,417.00
40	12/1/2039				21,077.50	21,077.50				21,077.50	
40	6/1/2040	N	4.250	230,000.00	21,077.50	251,077.50				251,077.50	272,155.00
41	12/1/2040				16,190.00	16,190.00				16,190.00	
41	6/1/2041	N	4.290	240,000.00	16,190.00	256,190.00				256,190.00	272,380.00
42	12/1/2041				11,042.00	11,042.00				11,042.00	
42	6/1/2042	N	4.320	250,000.00	11,042.00	261,042.00				261,042.00	272,084.00
43	12/1/2042				5,642.00	5,642.00				5,642.00	
43	6/1/2043	N	4.340	260,000.00	5,642.00	265,642.00				265,642.00	271,284.00

BONDBANK-2018-M | FY: 7 | Mun-Ease Elevate Main Db | 15.75 EDB | 08/14/2018 | 13:18 | Rpt14

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Page 1

**Bond Bank**  
**Estimate 25 year PLUS 50 bps**  
**Sizing Debt Service Schedule**  
**\$ 4,400,000.00**

**Dated:** 12/01/2018  
**Delivered:** 12/01/2018

<i>Fiscal Yr</i>	<i>Coupon Date</i>	<i>Zir Cpn</i>	<i>Cpn Rate</i>	<i>Maturing Principal</i>	<i>Periodic Interest</i>	<i>Gross Semi-Annul Dbt Svc</i>	<i>Cap Int</i>	<i>Dbt Svc Rsp Int &amp; Prin</i>	<i>Constr. Fund Interest</i>	<i>Net Semi-Annul Dbt Svc</i>	<i>Net Fiscal Dbt Svc</i>
				4,400,000.00	2,467,285.25	6,867,285.25	0.00	0.00	0.00	6,867,285.25	
<i>True Interest Cost (TIC) .....</i>						<b>3.9569325</b>	<i>Arbitrage Yield Limit (AYL) .....</i>				<b>3.9569325</b>
<i>Net Interest Cost (NIC) .....</i>						<b>3.9968982</b>	<i>Arbitrage Net Interest Cost (ANIC) .....</i>				<b>3.9968982</b>